

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: P956327

Luminaire Tested: **GALN-SB9A-735-U-SLL**

Issue Date: 1/21/2025

**Test Information**

Test Method: LM-79-08  
Report Number: P956327  
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-SB9A-735-U-SLL  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(9) 70 CRI, 3500K, 350mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT  
ELIMINATOR LEFT OPTICS  
Light Source: -  
Ballast/Driver: -

**Summary**

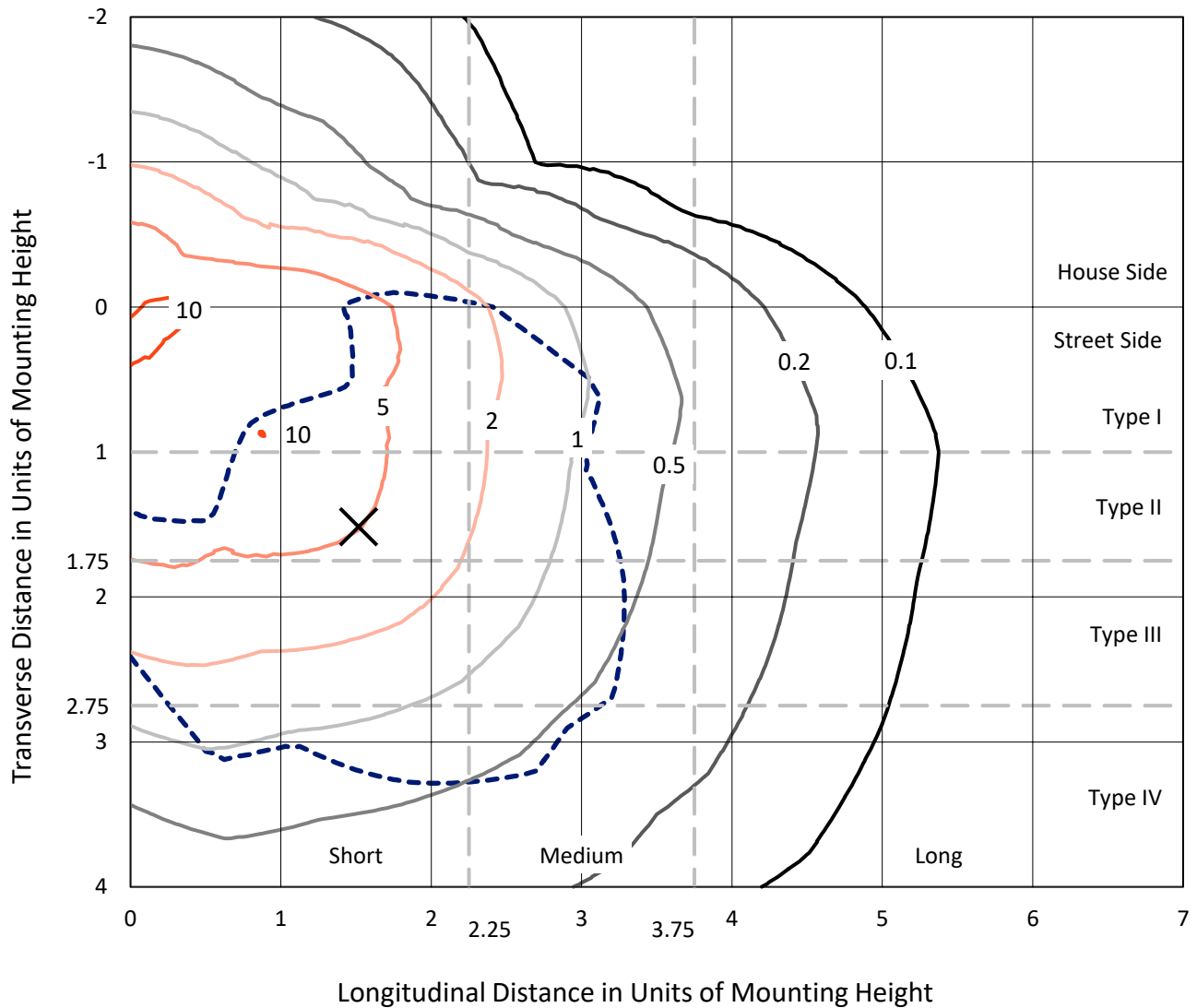
Lumens per Lamp: N/A  
Luminaire Lumens: 40712 lumens  
Efficiency: N/A  
Efficacy: 159.3 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B4 - U0 - G5  
  
Input Watts (W): 255.5  
Input Voltage (V): NR  
Input Current (Ain): 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

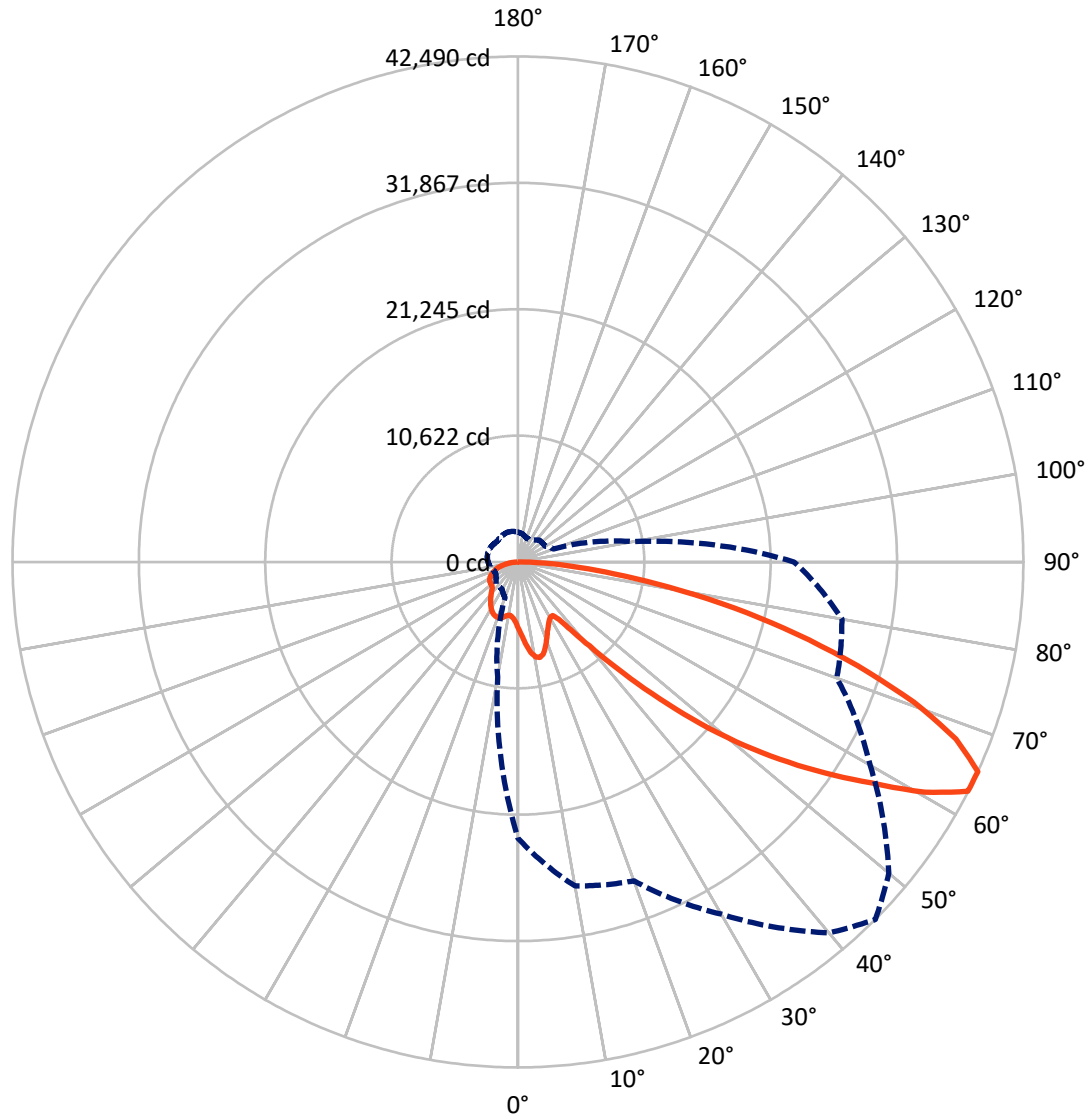
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 12.4 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	10346.9	0.0	10346.9
	% Fixture	25.4	0.0	25.4
<b>Street Side</b>	Lumens	30365.1	0.0	30365.1
	% Fixture	74.6	0.0	74.6
<b>Total</b>	Lumens	40712.0	0.0	40712.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	555.3	1.4
10°-20°	1743.3	4.3
20°-30°	2692.8	6.6
30°-40°	3412.5	8.4
40°-50°	5146.9	12.6
50°-60°	8315.6	20.4
60°-70°	10366.8	25.5
70°-80°	6798.0	16.7
80°-90°	1680.6	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°	40712.0	100.0
0°-180°	40712.0	100.0

**Coefficient of Utilization**



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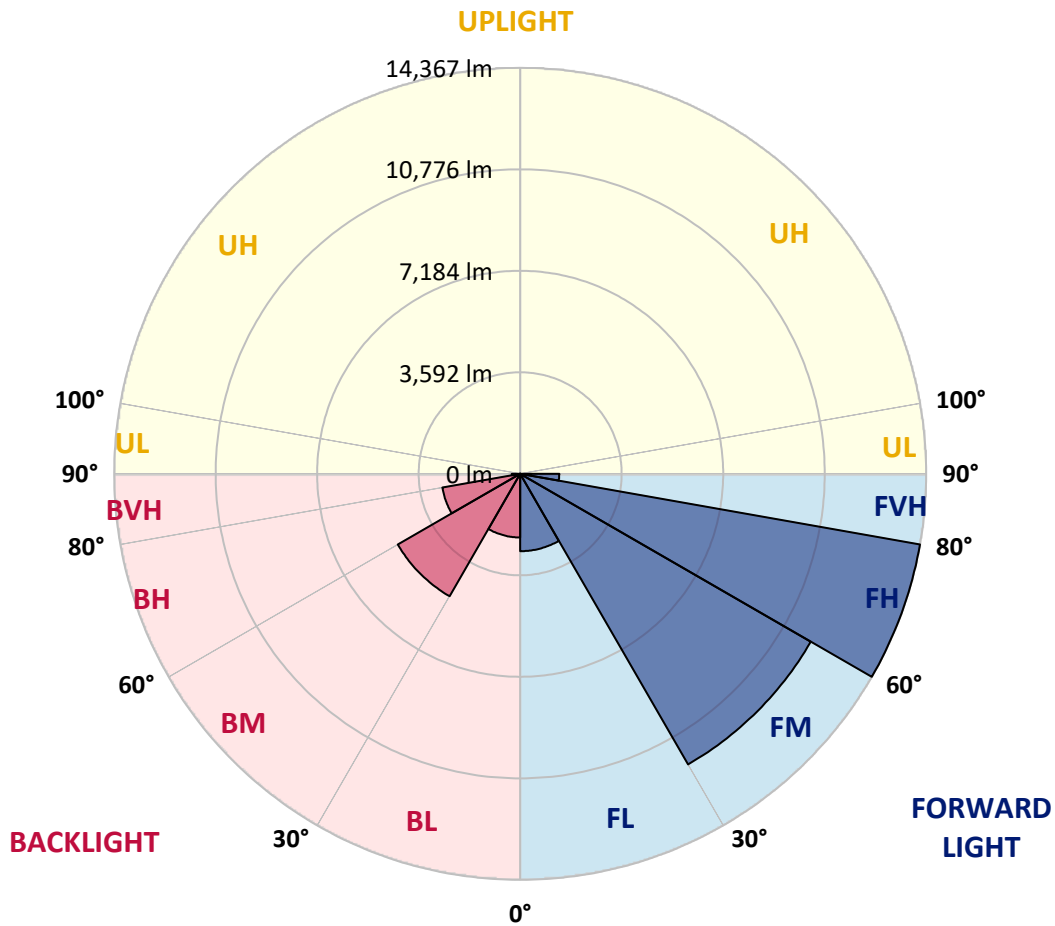
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	2738.4	6.7			
FM (30°-60°)	11874.8	29.2			
FH (60°-80°)	14367.4	35.3			G5
FVH (80°-90°)	1384.5	3.4			G5
BL (0°-30°)	2253.2	5.5	B3/2500		
BM (30°-60°)	5000.3	12.3	B4/8500		
BH (60°-80°)	2797.3	6.9	B4/5000		G4/5000
BVH (80°-90°)	296.2	0.7			G3/500
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B4-U0-G5**

Type IV Short



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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°
0°	5598.3	5598.3	5598.3	5598.3	5598.3	5598.3	5598.3	5598.3	5598.3	5598.3
2.5°	6020.4	6043.1	6066.1	6098.6	6131.0	6150.3	6169.7	6179.3	6189.0	6184.7
5°	6473.6	6553.3	6633.3	6712.3	6791.6	6834.5	6877.5	6903.5	6929.7	6949.5
7.5°	6929.1	7058.8	7188.4	7305.0	7421.7	7491.9	7562.1	7600.2	7638.0	7656.2
10°	7278.2	7431.5	7584.9	7721.8	7858.6	7941.5	8024.0	8061.0	8097.7	8111.7
12.5°	7491.9	7658.2	7824.2	7948.0	8071.3	8131.4	8191.6	8211.8	8232.0	8234.1
15°	7621.9	7765.4	7908.7	7986.2	8064.0	8066.1	8068.3	8046.8	8025.3	8000.0
17.5°	7694.9	7791.8	7888.7	7890.2	7891.5	7804.5	7717.5	7637.8	7557.9	7501.6
20°	7775.5	7809.2	7843.1	7741.1	7639.1	7447.0	7255.0	7115.1	6975.3	6889.3
22.5°	7868.9	7824.7	7780.4	7569.0	7357.6	7075.1	6792.7	6617.8	6442.9	6348.0
25°	7989.2	7849.6	7709.9	7389.0	7068.1	6725.0	6381.9	6198.0	6014.6	5924.8
27.5°	8152.5	7902.9	7653.0	7227.9	6803.0	6422.7	6042.5	5861.6	5681.0	5596.1
30°	8372.7	8000.4	7628.3	7105.0	6581.7	6185.6	5789.4	5621.7	5453.9	5374.8
32.5°	8632.6	8122.8	7613.3	7021.2	6429.2	6056.9	5684.6	5552.9	5421.0	5364.1
35°	8948.4	8324.6	7700.9	7084.0	6467.2	6208.6	5950.1	5919.4	5888.7	5884.0
37.5°	9480.1	8746.2	8012.4	7451.7	6891.0	6874.3	6857.5	6998.0	7138.5	7211.6
40°	10283.5	9485.4	8687.4	8270.4	7853.4	8147.8	8442.1	8783.6	9125.2	9295.3
42.5°	11349.0	10557.2	9765.4	9525.2	9285.0	9926.9	10568.8	11190.1	11811.3	12176.1
45°	12664.8	11953.5	11242.0	11136.1	11030.0	12058.4	13086.9	14107.8	15128.8	15748.6
47.5°	14310.3	13618.4	12926.2	12904.8	12883.3	14366.8	15850.0	17344.5	18838.8	19716.3
50°	16467.1	15612.4	14757.8	14761.5	14765.1	16677.0	18588.9	20561.6	22534.4	23727.0
52.5°	18943.0	17908.0	16873.2	16768.5	16663.7	18947.5	21231.2	23672.1	26112.6	27542.3
55°	21578.8	20556.3	19533.7	19125.8	18717.8	21259.6	23801.2	26710.9	29620.7	31321.0
57.5°	23976.2	23419.4	22862.4	22044.1	21226.1	23792.6	26359.0	29654.8	32950.4	35058.9
60°	25425.2	26290.1	27155.2	26139.1	25123.0	27551.7	29980.5	33509.2	37037.8	39316.6
62.5°	24689.4	27052.7	29415.9	29301.5	29186.7	31411.6	33636.8	36994.0	40351.0	42457.3
65°	23216.8	25434.9	27652.9	28091.8	28530.5	31357.9	34185.6	37441.0	40696.2	42489.6
67.5°	21243.7	23353.3	25462.8	25668.6	25874.2	28820.2	31766.1	35035.5	38304.8	39709.8
70°	18873.2	21167.7	23462.4	23554.3	23646.5	26281.1	28915.4	31728.9	34542.2	35323.1
72.5°	16048.2	18681.3	21314.6	21380.8	21446.7	23507.9	25569.1	27676.3	29783.3	29862.3
75°	12474.7	15199.9	17925.1	18169.8	18414.5	20018.1	21621.8	23105.1	24588.5	24191.1
77.5°	8912.9	11456.9	14001.0	14351.2	14701.3	15920.4	17139.5	18191.5	19243.7	18560.6
80°	5833.5	7973.7	10113.8	10549.0	10984.3	11905.0	12825.3	13377.8	13930.1	12831.3
82.5°	3391.0	4854.1	6317.5	6803.6	7290.0	7923.7	8557.4	8787.9	9018.2	8154.6
85°	1491.9	2268.5	3045.1	3458.6	3872.2	4392.9	4913.4	5044.2	5175.1	4483.3
87.5°	461.9	722.9	983.9	1214.6	1445.3	1705.7	1966.0	1977.2	1988.2	1669.2
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°
5598.3	0°	5598.3	5598.3	5598.3	5598.3	5598.3	5598.3	5598.3	5598.3	5598.3	5598.3
6189.0	2.5°	6179.3	6169.7	6150.3	6131.0	6098.6	6066.1	6043.1	6020.4	5974.2	5928.0
6929.7	5°	6903.5	6877.5	6834.5	6791.6	6712.3	6633.3	6553.3	6473.6	6371.6	6269.6
7638.0	7.5°	7600.2	7562.1	7491.9	7421.7	7305.0	7188.4	7058.8	6929.1	6760.7	6592.4
8097.7	10°	8061.0	8024.0	7941.5	7858.6	7721.8	7584.9	7431.5	7278.2	7065.3	6852.4
8232.0	12.5°	8211.8	8191.6	8131.4	8071.3	7948.0	7824.2	7658.2	7491.9	7258.0	7024.2
8025.3	15°	8046.8	8068.3	8066.1	8064.0	7986.2	7908.7	7765.4	7621.9	7378.0	7134.2
7557.9	17.5°	7637.8	7717.5	7804.5	7891.5	7890.2	7888.7	7791.8	7694.9	7447.6	7200.4
6975.3	20°	7115.1	7255.0	7447.0	7639.1	7741.1	7843.1	7809.2	7775.5	7518.5	7261.4
6442.9	22.5°	6617.8	6792.7	7075.1	7357.6	7569.0	7780.4	7824.7	7868.9	7606.4	7343.7
6014.6	25°	6198.0	6381.9	6725.0	7068.1	7389.0	7709.9	7849.6	7989.2	7731.9	7474.7
5681.0	27.5°	5861.6	6042.5	6422.7	6803.0	7227.9	7653.0	7902.9	8152.5	7907.2	7661.6
5453.9	30°	5621.7	5789.4	6185.6	6581.7	7105.0	7628.3	8000.4	8372.7	8135.5	7898.6
5421.0	32.5°	5552.9	5684.6	6056.9	6429.2	7021.2	7613.3	8122.8	8632.6	8397.8	8163.2
5888.7	35°	5919.4	5950.1	6208.6	6467.2	7084.0	7700.9	8324.6	8948.4	8723.7	8498.8
7138.5	37.5°	6998.0	6857.5	6874.3	6891.0	7451.7	8012.4	8746.2	9480.1	9193.5	8906.9
9125.2	40°	8783.6	8442.1	8147.8	7853.4	8270.4	8687.4	9485.4	10283.5	9865.9	9448.3
11811.3	42.5°	11190.1	10568.8	9926.9	9285.0	9525.2	9765.4	10557.2	11349.0	10746.2	10143.4
15128.8	45°	14107.8	13086.9	12058.4	11030.0	11136.1	11242.0	11953.5	12664.8	11851.7	11038.6
18838.8	47.5°	17344.5	15850.0	14366.8	12883.3	12904.8	12926.2	13618.4	14310.3	13166.0	12021.4
22534.4	50°	20561.6	18588.9	16677.0	14765.1	14761.5	14757.8	15612.4	16467.1	14741.9	13016.5
26112.6	52.5°	23672.1	21231.2	18947.5	16663.7	16768.5	16873.2	17908.0	18943.0	16397.3	13851.7
29620.7	55°	26710.9	23801.2	21259.6	18717.8	19125.8	19533.7	20556.3	21578.8	17865.0	14151.4
32950.4	57.5°	29654.8	26359.0	23792.6	21226.1	22044.1	22862.4	23419.4	23976.2	18905.2	13834.1
37037.8	60°	33509.2	29980.5	27551.7	25123.0	26139.1	27155.2	26290.1	25425.2	19165.1	12904.8
40351.0	62.5°	36994.0	33636.8	31411.6	29186.7	29301.5	29415.9	27052.7	24689.4	18070.6	11451.7
40696.2	65°	37441.0	34185.6	31357.9	28530.5	28091.8	27652.9	25434.9	23216.8	16521.9	9827.0
38304.8	67.5°	35035.5	31766.1	28820.2	25874.2	25668.6	25462.8	23353.3	21243.7	14679.0	8114.2
34542.2	70°	31728.9	28915.4	26281.1	23646.5	23554.3	23462.4	21167.7	18873.2	12668.0	6462.9
29783.3	72.5°	27676.3	25569.1	23507.9	21446.7	21380.8	21314.6	18681.3	16048.2	10488.0	4928.0
24588.5	75°	23105.1	21621.8	20018.1	18414.5	18169.8	17925.1	15199.9	12474.7	7989.0	3503.3
19243.7	77.5°	18191.5	17139.5	15920.4	14701.3	14351.2	14001.0	11456.9	8912.9	5591.6	2270.2
13930.1	80°	13377.8	12825.3	11905.0	10984.3	10549.0	10113.8	7973.7	5833.5	3602.6	1371.6
9018.2	82.5°	8787.9	8557.4	7923.7	7290.0	6803.6	6317.5	4854.1	3391.0	2085.1	779.4
5175.1	85°	5044.2	4913.4	4392.9	3872.2	3458.6	3045.1	2268.5	1491.9	937.9	384.1
1988.2	87.5°	1977.2	1966.0	1705.7	1445.3	1214.6	983.9	722.9	461.9	307.2	152.5
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):**

105°		110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
5598.3	0°	5598.3	5598.3	5598.3	5598.3	5598.3	5598.3	5598.3	5598.3	5598.3	5598.3
5878.8	2.5°	5829.8	5780.4	5731.0	5683.7	5636.5	5590.7	5539.8	5498.6	5457.5	5420.4
6167.7	5°	6066.1	5963.7	5861.4	5765.8	5670.2	5580.0	5490.8	5413.1	5335.1	5269.8
6436.9	7.5°	6281.4	6129.9	5978.5	5845.1	5711.7	5588.6	5473.2	5369.7	5266.4	5180.4
6646.8	10°	6441.4	6257.5	6073.4	5915.8	5757.6	5605.8	5481.8	5372.7	5263.6	5177.6
6791.4	12.5°	6558.5	6341.5	6124.6	5946.0	5767.5	5607.9	5492.6	5403.2	5314.3	5257.1
6881.6	15°	6629.0	6379.1	6129.3	5922.6	5716.0	5539.2	5446.8	5404.1	5361.5	5369.3
6924.8	17.5°	6649.2	6359.1	6069.1	5820.6	5572.0	5364.1	5307.2	5322.8	5338.3	5432.0
6958.5	20°	6655.6	6304.2	5952.7	5644.7	5336.6	5094.5	5079.5	5152.5	5225.5	5388.2
7004.0	22.5°	6664.2	6236.7	5809.2	5438.2	5067.2	4791.6	4821.0	4929.1	5037.1	5222.7
7086.5	25°	6698.1	6170.1	5642.3	5207.7	4773.3	4490.8	4570.3	4694.9	4819.5	4986.4
7215.4	27.5°	6769.0	6125.6	5482.2	4997.0	4511.7	4254.5	4351.2	4471.5	4591.8	4729.1
7382.3	30°	6866.1	6104.8	5343.0	4820.8	4298.6	4082.7	4158.5	4253.9	4349.7	4463.6
7556.6	32.5°	6949.9	6079.0	5207.7	4668.9	4129.9	3955.9	3989.7	4046.2	4102.7	4193.5
7755.1	35°	7011.3	6030.5	5050.0	4519.6	3989.2	3844.2	3830.3	3845.7	3861.4	3930.8
7977.4	37.5°	7047.9	5947.3	4846.8	4343.9	3841.0	3714.3	3663.1	3646.0	3628.8	3678.6
8259.7	40°	7070.9	5832.8	4595.0	4134.2	3673.4	3558.5	3480.1	3441.2	3402.3	3438.2
8629.0	42.5°	7114.5	5714.7	4315.3	3902.9	3490.4	3384.5	3285.7	3234.1	3182.6	3211.8
9114.9	45°	7191.2	5604.9	4018.9	3657.1	3295.4	3188.0	3092.4	3042.1	2992.0	3016.5
9632.6	47.5°	7243.8	5514.3	3784.7	3462.7	3140.7	3002.1	2919.9	2877.8	2835.6	2858.8
10112.9	50°	7209.4	5415.4	3621.5	3333.6	3045.7	2863.6	2768.0	2730.6	2693.4	2729.5
10424.9	52.5°	6997.8	5248.5	3499.4	3248.5	2997.8	2788.4	2654.8	2617.8	2581.1	2635.4
10356.1	55°	6560.7	4971.8	3383.0	3186.9	2990.7	2795.9	2594.6	2536.2	2478.0	2555.1
9872.3	57.5°	5910.8	4581.7	3252.4	3113.8	2975.3	2803.4	2558.5	2473.5	2388.4	2471.3
8972.0	60°	5039.3	4075.2	3111.0	3002.1	2893.2	2779.8	2524.6	2414.4	2304.0	2376.8
7754.6	62.5°	4057.6	3468.9	2880.3	2807.9	2735.8	2721.8	2485.1	2347.1	2209.4	2255.6
6512.5	65°	3198.3	2923.5	2648.8	2614.6	2580.4	2582.2	2401.7	2255.2	2108.5	2126.3
5295.8	67.5°	2477.3	2399.3	2321.1	2340.3	2359.2	2354.4	2253.0	2131.0	2009.0	2003.4
4169.7	70°	1876.5	1898.8	1920.9	2009.4	2097.7	2097.7	2064.4	1977.6	1890.9	1871.5
3187.7	72.5°	1447.5	1514.7	1582.2	1707.6	1832.9	1853.9	1854.3	1794.8	1735.3	1707.0
2313.6	75°	1123.9	1185.0	1246.0	1386.5	1527.0	1624.1	1615.9	1570.1	1524.2	1497.1
1567.8	77.5°	865.3	906.8	948.4	1084.8	1221.3	1381.3	1377.0	1340.3	1303.5	1276.0
1010.1	80°	648.8	665.9	683.1	798.7	914.1	1105.3	1104.6	1073.9	1043.0	1020.0
621.3	82.5°	463.6	466.6	470.0	555.1	640.2	803.4	812.5	797.4	782.4	766.1
332.1	85°	280.3	278.8	277.1	339.4	401.7	523.1	534.9	518.8	502.7	484.4
137.7	87.5°	122.9	121.4	119.9	145.2	170.8	221.3	236.3	229.9	223.4	220.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P956327  
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**CANDELA DISTRIBUTION (continued):**

160°		165°	170°	175°	180°	185°	190°	195°	200°	205°	210°
5598.3	0°	5598.3	5598.3	5598.3	5598.3	5598.3	5598.3	5598.3	5598.3	5598.3	5598.3
5383.4	2.5°	5351.0	5318.6	5285.9	5253.5	5228.3	5203.0	5182.6	5162.2	5146.3	5130.4
5204.7	5°	5147.1	5089.6	5037.4	4984.9	4944.8	4904.4	4876.2	4848.1	4828.1	4808.1
5094.5	7.5°	5022.1	4949.5	4885.5	4821.7	4773.8	4726.1	4692.6	4659.1	4636.1	4613.3
5091.7	10°	5013.7	4935.5	4863.6	4791.6	4734.5	4677.1	4639.7	4601.9	4580.2	4558.5
5200.4	12.5°	5139.0	5078.0	5003.4	4929.1	4856.0	4783.0	4734.7	4686.3	4662.1	4638.0
5377.0	15°	5361.1	5345.2	5280.5	5215.9	5111.9	5007.9	4934.5	4861.0	4827.3	4793.7
5525.6	17.5°	5575.5	5625.1	5572.9	5520.9	5383.2	5245.5	5137.2	5029.0	4979.1	4929.1
5551.0	20°	5655.2	5759.4	5735.3	5711.0	5553.6	5396.3	5263.6	5131.0	5067.2	5003.2
5408.8	22.5°	5544.3	5679.9	5694.5	5708.9	5558.5	5408.1	5271.5	5134.7	5067.4	5000.0
5153.6	25°	5287.0	5420.4	5470.2	5519.8	5396.5	5273.4	5151.9	5030.7	4972.3	4914.0
4866.1	27.5°	4973.1	5080.1	5135.5	5191.2	5103.3	5015.7	4921.3	4827.0	4787.9	4748.6
4577.4	30°	4666.1	4755.1	4800.2	4845.3	4778.5	4711.5	4644.0	4576.1	4556.2	4536.0
4284.6	32.5°	4369.7	4455.0	4505.0	4555.3	4493.9	4432.2	4378.3	4324.4	4311.3	4298.2
4000.0	35°	4084.2	4168.6	4228.8	4288.9	4245.1	4201.5	4151.6	4102.0	4082.0	4062.3
3728.2	37.5°	3812.2	3896.4	3970.8	4045.1	4024.9	4004.7	3958.9	3913.0	3876.7	3840.6
3474.1	40°	3555.3	3636.5	3722.0	3807.7	3812.7	3817.4	3778.5	3739.6	3686.8	3634.4
3241.2	42.5°	3318.1	3395.3	3487.6	3580.0	3604.7	3629.4	3596.5	3563.9	3498.4	3432.8
3041.4	45°	3114.5	3187.5	3283.3	3379.1	3414.6	3450.0	3420.4	3391.0	3316.0	3241.2
2881.8	47.5°	2953.4	3024.7	3119.2	3213.7	3254.5	3295.4	3274.7	3254.1	3187.5	3120.9
2765.8	50°	2833.3	2900.5	2985.2	3069.8	3122.2	3174.6	3173.3	3172.5	3119.2	3065.9
2689.6	52.5°	2751.4	2813.1	2891.9	2971.0	3033.1	3095.1	3106.3	3117.5	3074.1	3030.7
2632.0	55°	2698.6	2765.2	2834.4	2903.3	2969.0	3035.0	3050.5	3065.9	3028.1	2990.3
2554.2	57.5°	2632.4	2710.6	2778.9	2847.5	2913.8	2980.0	2995.7	3011.4	2973.1	2934.9
2449.4	60°	2539.2	2629.0	2698.4	2768.0	2834.6	2901.2	2918.4	2935.5	2898.2	2861.0
2301.8	62.5°	2406.4	2511.3	2585.4	2659.5	2720.5	2781.5	2798.1	2814.6	2780.9	2747.1
2143.9	65°	2256.1	2368.4	2439.3	2510.2	2563.9	2617.6	2634.6	2651.3	2618.9	2586.5
1997.8	67.5°	2101.4	2205.1	2272.4	2339.4	2385.8	2432.2	2448.8	2465.1	2435.2	2405.6
1852.2	70°	1943.3	2034.4	2092.4	2150.4	2192.3	2234.1	2250.0	2265.9	2241.7	2217.4
1678.8	72.5°	1750.6	1822.1	1874.5	1926.9	1968.0	2009.0	2027.9	2046.8	2026.6	2006.4
1469.8	75°	1523.1	1576.4	1623.8	1671.3	1708.7	1746.1	1765.8	1785.6	1775.7	1765.8
1248.5	77.5°	1291.9	1335.1	1375.9	1416.7	1456.1	1495.2	1513.6	1532.1	1518.4	1504.2
996.8	80°	1032.9	1068.7	1103.1	1137.5	1167.3	1197.0	1221.5	1246.0	1240.0	1234.2
749.7	82.5°	746.7	743.7	731.7	719.7	783.2	846.8	888.5	930.2	927.6	924.8
466.2	85°	450.7	435.0	401.7	368.4	427.9	487.6	539.2	590.8	586.5	582.2
216.5	87.5°	215.9	215.3	189.9	164.3	189.3	214.4	235.2	256.1	250.9	245.3
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):**

215°		220°	225°	230°	235°	240°	245°	250°	255°	260°	265°
5598.3	0°	5598.3	5598.3	5598.3	5598.3	5598.3	5598.3	5598.3	5598.3	5598.3	5598.3
5115.8	2.5°	5100.9	5082.7	5100.9	5115.8	5130.4	5146.3	5162.2	5182.6	5203.0	5228.3
4792.9	5°	4777.6	4762.6	4777.6	4792.9	4808.1	4828.1	4848.1	4876.2	4904.4	4944.8
4599.5	7.5°	4586.0	4575.7	4586.0	4599.5	4613.3	4636.1	4659.1	4692.6	4726.1	4773.8
4546.9	10°	4535.3	4530.6	4535.3	4546.9	4558.5	4580.2	4601.9	4639.7	4677.1	4734.5
4628.1	12.5°	4618.2	4616.5	4618.2	4628.1	4638.0	4662.1	4686.3	4734.7	4783.0	4856.0
4780.9	15°	4768.0	4766.9	4768.0	4780.9	4793.7	4827.3	4861.0	4934.5	5007.9	5111.9
4912.8	17.5°	4896.2	4893.6	4896.2	4912.8	4929.1	4979.1	5029.0	5137.2	5245.5	5383.2
4982.8	20°	4962.4	4955.9	4962.4	4982.8	5003.2	5067.2	5131.0	5263.6	5396.3	5553.6
4977.4	22.5°	4954.9	4945.2	4954.9	4977.4	5000.0	5067.4	5134.7	5271.5	5408.1	5558.5
4892.8	25°	4871.7	4859.3	4871.7	4892.8	4914.0	4972.3	5030.7	5151.9	5273.4	5396.5
4739.0	27.5°	4729.3	4726.1	4729.3	4739.0	4748.6	4787.9	4827.0	4921.3	5015.7	5103.3
4536.0	30°	4536.0	4539.2	4536.0	4536.0	4536.0	4556.2	4576.1	4644.0	4711.5	4778.5
4299.9	32.5°	4301.8	4305.0	4301.8	4299.9	4298.2	4311.3	4324.4	4378.3	4432.2	4493.9
4058.0	35°	4053.7	4051.5	4053.7	4058.0	4062.3	4082.0	4102.0	4151.6	4201.5	4245.1
3821.5	37.5°	3802.3	3791.6	3802.3	3821.5	3840.6	3876.7	3913.0	3958.9	4004.7	4024.9
3598.7	40°	3563.5	3542.4	3563.5	3598.7	3634.4	3686.8	3739.6	3778.5	3817.4	3812.7
3381.1	42.5°	3329.3	3295.4	3329.3	3381.1	3432.8	3498.4	3563.9	3596.5	3629.4	3604.7
3180.4	45°	3119.6	3080.5	3119.6	3180.4	3241.2	3316.0	3391.0	3420.4	3450.0	3414.6
3064.6	47.5°	3008.6	2971.0	3008.6	3064.6	3120.9	3187.5	3254.1	3274.7	3295.4	3254.5
3013.9	50°	2962.0	2925.9	2962.0	3013.9	3065.9	3119.2	3172.5	3173.3	3174.6	3122.2
2984.1	52.5°	2937.7	2904.4	2937.7	2984.1	3030.7	3074.1	3117.5	3106.3	3095.1	3033.1
2949.5	55°	2908.7	2878.6	2908.7	2949.5	2990.3	3028.1	3065.9	3050.5	3035.0	2969.0
2894.5	57.5°	2853.9	2822.8	2853.9	2894.5	2934.9	2973.1	3011.4	2995.7	2980.0	2913.8
2819.3	60°	2777.6	2745.4	2777.6	2819.3	2861.0	2898.2	2935.5	2918.4	2901.2	2834.6
2703.3	62.5°	2659.5	2620.8	2659.5	2703.3	2747.1	2780.9	2814.6	2798.1	2781.5	2720.5
2543.9	65°	2501.6	2468.3	2501.6	2543.9	2586.5	2618.9	2651.3	2634.6	2617.6	2563.9
2366.0	67.5°	2326.5	2296.4	2326.5	2366.0	2405.6	2435.2	2465.1	2448.8	2432.2	2385.8
2179.6	70°	2141.8	2107.4	2141.8	2179.6	2217.4	2241.7	2265.9	2250.0	2234.1	2192.3
1970.3	72.5°	1934.5	1901.2	1934.5	1970.3	2006.4	2026.6	2046.8	2027.9	2009.0	1968.0
1735.5	75°	1705.3	1673.5	1705.3	1735.5	1765.8	1775.7	1785.6	1765.8	1746.1	1708.7
1473.7	77.5°	1443.2	1417.8	1443.2	1473.7	1504.2	1518.4	1532.1	1513.6	1495.2	1456.1
1193.1	80°	1151.9	1104.2	1151.9	1193.1	1234.2	1240.0	1246.0	1221.5	1197.0	1167.3
890.2	82.5°	855.4	824.9	855.4	890.2	924.8	927.6	930.2	888.5	846.8	783.2
555.1	85°	528.0	500.5	528.0	555.1	582.2	586.5	590.8	539.2	487.6	427.9
231.6	87.5°	217.4	204.1	217.4	231.6	245.3	250.9	256.1	235.2	214.4	189.3
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°
5598.3	0°	5598.3	5598.3	5598.3	5598.3	5598.3	5598.3	5598.3	5598.3	5598.3	5598.3
5253.5	2.5°	5285.9	5318.6	5351.0	5383.4	5420.4	5457.5	5498.6	5539.8	5590.7	5636.5
4984.9	5°	5037.4	5089.6	5147.1	5204.7	5269.8	5335.1	5413.1	5490.8	5580.0	5670.2
4821.7	7.5°	4885.5	4949.5	5022.1	5094.5	5180.4	5266.4	5369.7	5473.2	5588.6	5711.7
4791.6	10°	4863.6	4935.5	5013.7	5091.7	5177.6	5263.6	5372.7	5481.8	5605.8	5757.6
4929.1	12.5°	5003.4	5078.0	5139.0	5200.4	5257.1	5314.3	5403.2	5492.6	5607.9	5767.5
5215.9	15°	5280.5	5345.2	5361.1	5377.0	5369.3	5361.5	5404.1	5446.8	5539.2	5716.0
5520.9	17.5°	5572.9	5625.1	5575.5	5525.6	5432.0	5338.3	5322.8	5307.2	5364.1	5572.0
5711.0	20°	5735.3	5759.4	5655.2	5551.0	5388.2	5225.5	5152.5	5079.5	5094.5	5336.6
5708.9	22.5°	5694.5	5679.9	5544.3	5408.8	5222.7	5037.1	4929.1	4821.0	4791.6	5067.2
5519.8	25°	5470.2	5420.4	5287.0	5153.6	4986.4	4819.5	4694.9	4570.3	4490.8	4773.3
5191.2	27.5°	5135.5	5080.1	4973.1	4866.1	4729.1	4591.8	4471.5	4351.2	4254.5	4511.7
4845.3	30°	4800.2	4755.1	4666.1	4577.4	4463.6	4349.7	4253.9	4158.5	4082.7	4298.6
4555.3	32.5°	4505.0	4455.0	4369.7	4284.6	4193.5	4102.7	4046.2	3989.7	3955.9	4129.9
4288.9	35°	4228.8	4168.6	4084.2	4000.0	3930.8	3861.4	3845.7	3830.3	3844.2	3989.2
4045.1	37.5°	3970.8	3896.4	3812.2	3728.2	3678.6	3628.8	3646.0	3663.1	3714.3	3841.0
3807.7	40°	3722.0	3636.5	3555.3	3474.1	3438.2	3402.3	3441.2	3480.1	3558.5	3673.4
3580.0	42.5°	3487.6	3395.3	3318.1	3241.2	3211.8	3182.6	3234.1	3285.7	3384.5	3490.4
3379.1	45°	3283.3	3187.5	3114.5	3041.4	3016.5	2992.0	3042.1	3092.4	3188.0	3295.4
3213.7	47.5°	3119.2	3024.7	2953.4	2881.8	2858.8	2835.6	2877.8	2919.9	3002.1	3140.7
3069.8	50°	2985.2	2900.5	2833.3	2765.8	2729.5	2693.4	2730.6	2768.0	2863.6	3045.7
2971.0	52.5°	2891.9	2813.1	2751.4	2689.6	2635.4	2581.1	2617.8	2654.8	2788.4	2997.8
2903.3	55°	2834.4	2765.2	2698.6	2632.0	2555.1	2478.0	2536.2	2594.6	2795.9	2990.7
2847.5	57.5°	2778.9	2710.6	2632.4	2554.2	2471.3	2388.4	2473.5	2558.5	2803.4	2975.3
2768.0	60°	2698.4	2629.0	2539.2	2449.4	2376.8	2304.0	2414.4	2524.6	2779.8	2893.2
2659.5	62.5°	2585.4	2511.3	2406.4	2301.8	2255.6	2209.4	2347.1	2485.1	2721.8	2735.8
2510.2	65°	2439.3	2368.4	2256.1	2143.9	2126.3	2108.5	2255.2	2401.7	2582.2	2580.4
2339.4	67.5°	2272.4	2205.1	2101.4	1997.8	2003.4	2009.0	2131.0	2253.0	2354.4	2359.2
2150.4	70°	2092.4	2034.4	1943.3	1852.2	1871.5	1890.9	1977.6	2064.4	2097.7	2097.7
1926.9	72.5°	1874.5	1822.1	1750.6	1678.8	1707.0	1735.3	1794.8	1854.3	1853.9	1832.9
1671.3	75°	1623.8	1576.4	1523.1	1469.8	1497.1	1524.2	1570.1	1615.9	1624.1	1527.0
1416.7	77.5°	1375.9	1335.1	1291.9	1248.5	1276.0	1303.5	1340.3	1377.0	1381.3	1221.3
1137.5	80°	1103.1	1068.7	1032.9	996.8	1020.0	1043.0	1073.9	1104.6	1105.3	914.1
719.7	82.5°	731.7	743.7	746.7	749.7	766.1	782.4	797.4	812.5	803.4	640.2
368.4	85°	401.7	435.0	450.7	466.2	484.4	502.7	518.8	534.9	523.1	401.7
164.3	87.5°	189.9	215.3	215.9	216.5	220.0	223.4	229.9	236.3	221.3	170.8
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°
5598.3	0°	5598.3	5598.3	5598.3	5598.3	5598.3	5598.3	5598.3
5683.7	2.5°	5731.0	5780.4	5829.8	5878.8	5928.0	5974.2	6020.4
5765.8	5°	5861.4	5963.7	6066.1	6167.7	6269.6	6371.6	6473.6
5845.1	7.5°	5978.5	6129.9	6281.4	6436.9	6592.4	6760.7	6929.1
5915.8	10°	6073.4	6257.5	6441.4	6646.8	6852.4	7065.3	7278.2
5946.0	12.5°	6124.6	6341.5	6558.5	6791.4	7024.2	7258.0	7491.9
5922.6	15°	6129.3	6379.1	6629.0	6881.6	7134.2	7378.0	7621.9
5820.6	17.5°	6069.1	6359.1	6649.2	6924.8	7200.4	7447.6	7694.9
5644.7	20°	5952.7	6304.2	6655.6	6958.5	7261.4	7518.5	7775.5
5438.2	22.5°	5809.2	6236.7	6664.2	7004.0	7343.7	7606.4	7868.9
5207.7	25°	5642.3	6170.1	6698.1	7086.5	7474.7	7731.9	7989.2
4997.0	27.5°	5482.2	6125.6	6769.0	7215.4	7661.6	7907.2	8152.5
4820.8	30°	5343.0	6104.8	6866.1	7382.3	7898.6	8135.5	8372.7
4668.9	32.5°	5207.7	6079.0	6949.9	7556.6	8163.2	8397.8	8632.6
4519.6	35°	5050.0	6030.5	7011.3	7755.1	8498.8	8723.7	8948.4
4343.9	37.5°	4846.8	5947.3	7047.9	7977.4	8906.9	9193.5	9480.1
4134.2	40°	4595.0	5832.8	7070.9	8259.7	9448.3	9865.9	10283.5
3902.9	42.5°	4315.3	5714.7	7114.5	8629.0	10143.4	10746.2	11349.0
3657.1	45°	4018.9	5604.9	7191.2	9114.9	11038.6	11851.7	12664.8
3462.7	47.5°	3784.7	5514.3	7243.8	9632.6	12021.4	13166.0	14310.3
3333.6	50°	3621.5	5415.4	7209.4	10112.9	13016.5	14741.9	16467.1
3248.5	52.5°	3499.4	5248.5	6997.8	10424.9	13851.7	16397.3	18943.0
3186.9	55°	3383.0	4971.8	6560.7	10356.1	14151.4	17865.0	21578.8
3113.8	57.5°	3252.4	4581.7	5910.8	9872.3	13834.1	18905.2	23976.2
3002.1	60°	3111.0	4075.2	5039.3	8972.0	12904.8	19165.1	25425.2
2807.9	62.5°	2880.3	3468.9	4057.6	7754.6	11451.7	18070.6	24689.4
2614.6	65°	2648.8	2923.5	3198.3	6512.5	9827.0	16521.9	23216.8
2340.3	67.5°	2321.1	2399.3	2477.3	5295.8	8114.2	14679.0	21243.7
2009.4	70°	1920.9	1898.8	1876.5	4169.7	6462.9	12668.0	18873.2
1707.6	72.5°	1582.2	1514.7	1447.5	3187.7	4928.0	10488.0	16048.2
1386.5	75°	1246.0	1185.0	1123.9	2313.6	3503.3	7989.0	12474.7
1084.8	77.5°	948.4	906.8	865.3	1567.8	2270.2	5591.6	8912.9
798.7	80°	683.1	665.9	648.8	1010.1	1371.6	3602.6	5833.5
555.1	82.5°	470.0	466.6	463.6	621.3	779.4	2085.1	3391.0
339.4	85°	277.1	278.8	280.3	332.1	384.1	937.9	1491.9
145.2	87.5°	119.9	121.4	122.9	137.7	152.5	307.2	461.9
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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