

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: P952862

Luminaire Tested: **GALN-SB6C-830-U-SLL**

Issue Date: 1/21/2025

**Test Information**

Test Method: LM-79-08  
Report Number: P952862  
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-SB6C-830-U-SLL  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(6) 80 CRI, 3000K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT  
ELIMINATOR LEFT OPTICS  
Light Source: -  
Ballast/Driver: -

**Summary**

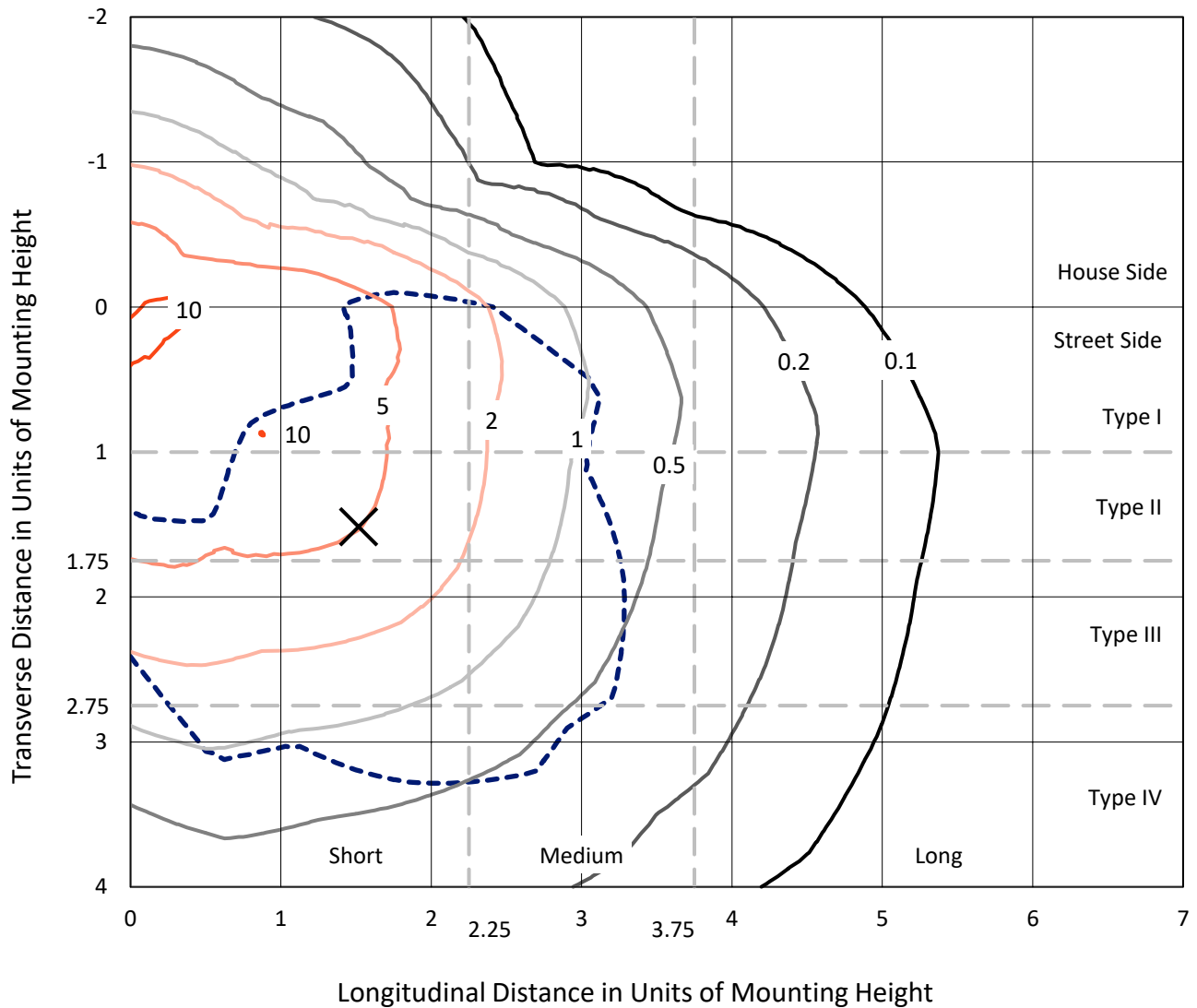
Lumens per Lamp: N/A  
Luminaire Lumens: 40661 lumens  
Efficiency: N/A  
Efficacy: 135.1 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B4 - U0 - G5  
  
Input Watts (W): 300.9  
Input Voltage (V): NR  
Input Current (Ain): NR  
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

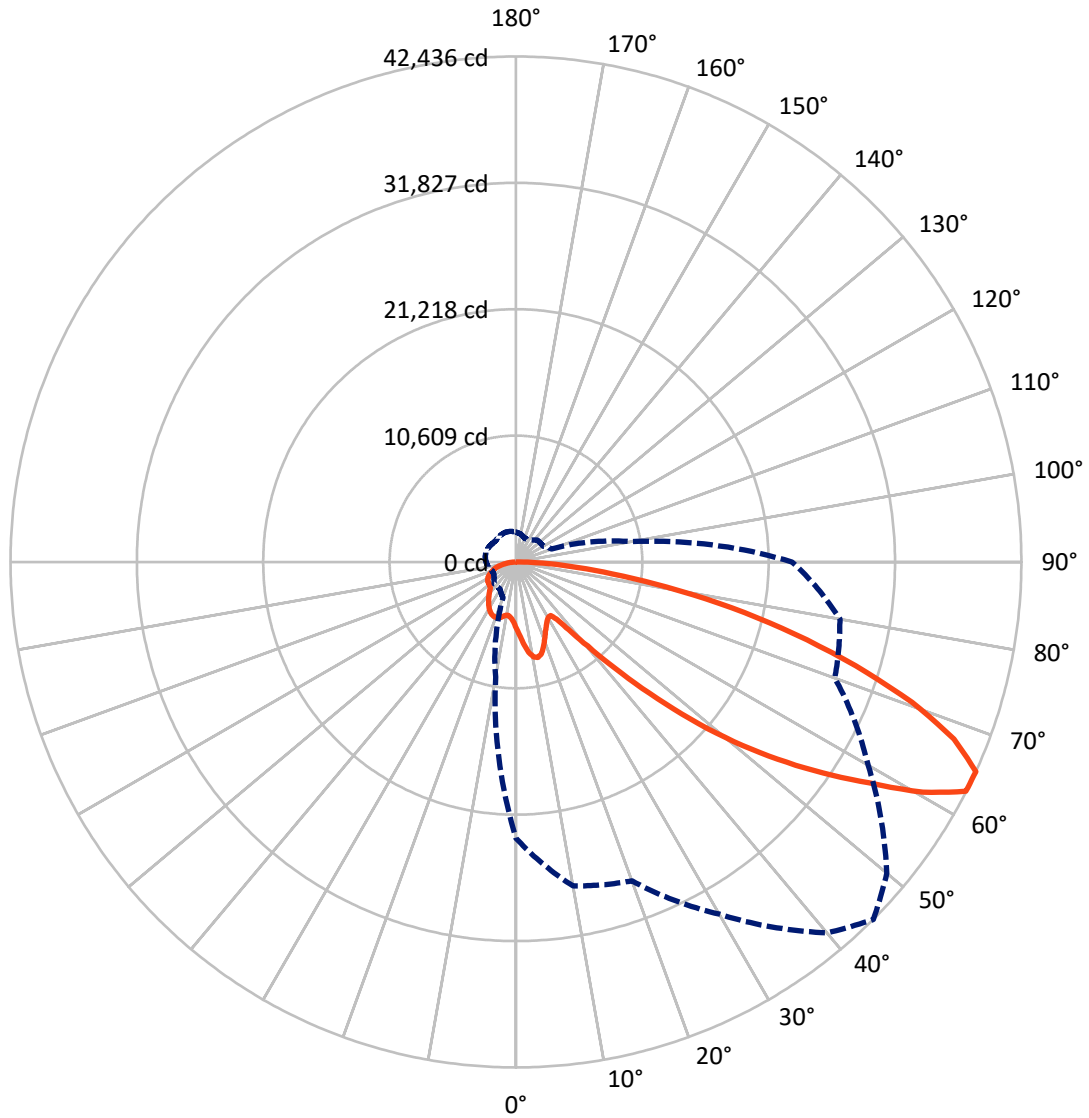
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 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	10334.0	0.0	10334.0
	% Fixture	25.4	0.0	25.4
<b>Street Side</b>	Lumens	30327.0	0.0	30327.0
	% Fixture	74.6	0.0	74.6
<b>Total</b>	Lumens	40661.0	0.0	40661.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	554.6	1.4
10°-20°	1741.2	4.3
20°-30°	2689.5	6.6
30°-40°	3408.2	8.4
40°-50°	5140.5	12.6
50°-60°	8305.2	20.4
60°-70°	10353.8	25.5
70°-80°	6789.5	16.7
80°-90°	1678.5	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°	40661.0	100.0
0°-180°	40661.0	100.0

**Coefficient of Utilization**



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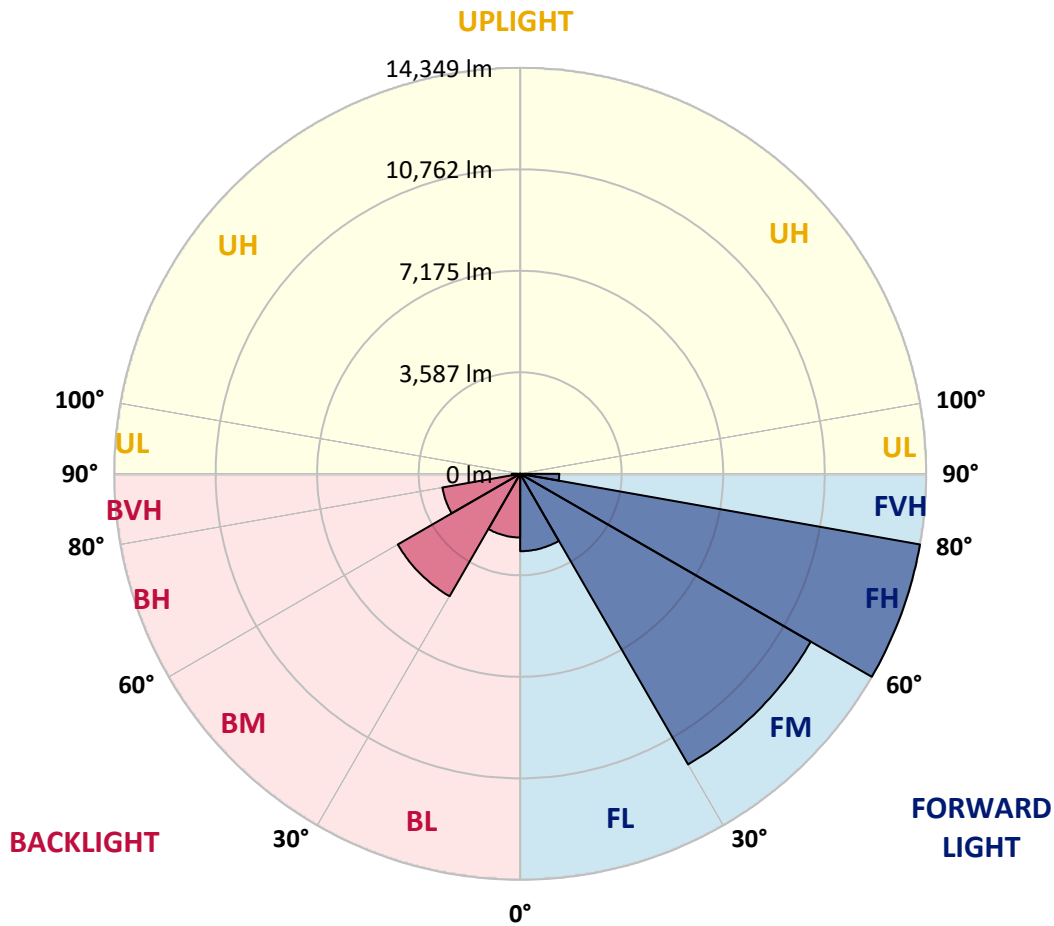
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	2734.9	6.7			
FM (30°-60°)	11859.9	29.2			
FH (60°-80°)	14349.4	35.3			G5
FVH (80°-90°)	1382.7	3.4			G5
BL (0°-30°)	2250.4	5.5	B3/2500		
BM (30°-60°)	4994.0	12.3	B3/5000		
BH (60°-80°)	2793.8	6.9	B4/5000		G4/5000
BVH (80°-90°)	295.8	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°	5591.2	5591.2	5591.2	5591.2	5591.2	5591.2	5591.2	5591.2	5591.2	5591.2
2.5°	6012.8	6035.6	6058.5	6090.9	6123.3	6142.6	6161.9	6171.6	6181.3	6177.0
5°	6465.5	6545.1	6625.0	6703.9	6783.1	6826.0	6868.9	6894.9	6921.0	6940.8
7.5°	6920.4	7050.0	7179.4	7295.9	7412.4	7482.5	7552.7	7590.7	7628.4	7646.7
10°	7269.0	7422.2	7575.4	7712.1	7848.8	7931.6	8014.0	8050.9	8087.6	8101.5
12.5°	7482.5	7648.6	7814.4	7938.0	8061.2	8121.2	8181.3	8201.5	8221.7	8223.8
15°	7612.3	7755.6	7898.7	7976.2	8053.9	8056.0	8058.2	8036.7	8015.3	7989.9
17.5°	7685.3	7782.0	7878.8	7880.3	7881.6	7794.7	7707.8	7628.2	7548.4	7492.2
20°	7765.7	7799.4	7833.3	7731.4	7629.5	7437.7	7245.9	7106.2	6966.5	6880.7
22.5°	7859.1	7814.9	7770.7	7559.5	7348.4	7066.3	6784.1	6609.5	6434.9	6340.0
25°	7979.2	7839.7	7700.3	7379.7	7059.2	6716.6	6373.9	6190.3	6007.0	5917.4
27.5°	8142.3	7893.0	7643.4	7218.8	6794.4	6414.7	6034.9	5854.3	5673.8	5589.1
30°	8362.2	7990.4	7618.8	7096.1	6573.5	6177.8	5782.2	5614.6	5447.1	5368.1
32.5°	8621.8	8112.7	7603.7	7012.4	6421.1	6049.3	5677.5	5546.0	5414.2	5357.4
35°	8937.2	8314.1	7691.3	7075.1	6459.1	6200.8	5942.7	5912.0	5881.3	5876.6
37.5°	9468.2	8735.3	8002.4	7442.4	6882.4	6865.7	6848.9	6989.3	7129.6	7202.5
40°	10270.6	9473.6	8676.5	8260.1	7843.6	8137.5	8431.5	8772.6	9113.8	9283.7
42.5°	11334.8	10544.0	9753.1	9513.3	9273.4	9914.5	10555.6	11176.0	11796.5	12160.8
45°	12648.9	11938.6	11228.0	11122.2	11016.2	12043.3	13070.5	14090.1	15109.9	15728.8
47.5°	14292.4	13601.3	12910.1	12888.6	12867.1	14348.8	15830.1	17322.8	18815.2	19691.6
50°	16446.5	15592.8	14739.3	14743.0	14746.6	16656.1	18565.7	20535.9	22506.1	23697.3
52.5°	18919.2	17885.5	16852.0	16747.5	16642.8	18923.7	21204.7	23642.4	26079.9	27507.8
55°	21551.8	20530.5	19509.3	19101.8	18694.4	21233.0	23771.3	26677.5	29583.6	31281.8
57.5°	23946.2	23390.1	22833.7	22016.5	21199.5	23762.8	26326.0	29617.7	32909.1	35015.0
60°	25393.4	26257.1	27121.2	26106.3	25091.5	27517.2	29942.9	33467.2	36991.4	39267.4
62.5°	24658.5	27018.8	29379.1	29264.7	29150.2	31372.3	33594.6	36947.7	40300.5	42404.2
65°	23187.8	25403.0	27618.3	28056.6	28494.7	31318.7	34142.8	37394.1	40645.3	42436.3
67.5°	21217.1	23324.0	25430.9	25636.4	25841.8	28784.1	31726.3	34991.6	38256.9	39660.0
70°	18849.5	21141.1	23433.0	23524.8	23616.9	26248.1	28879.2	31689.2	34499.0	35278.9
72.5°	16028.1	18657.9	21287.9	21354.0	21419.8	23478.5	25537.1	27641.7	29746.0	29824.9
75°	12459.1	15180.9	17902.7	18147.1	18391.4	19993.1	21594.7	23076.2	24557.7	24160.8
77.5°	8901.8	11442.5	13983.5	14333.2	14682.9	15900.5	17118.1	18168.7	19219.6	18537.3
80°	5826.2	7963.8	10101.1	10535.8	10970.5	11890.1	12809.2	13361.0	13912.7	12815.2
82.5°	3386.7	4848.0	6309.6	6795.1	7280.8	7913.8	8546.7	8776.9	9006.9	8144.4
85°	1490.1	2265.7	3041.3	3454.3	3867.3	4387.4	4907.2	5037.9	5168.6	4477.7
87.5°	461.3	722.0	982.7	1213.1	1443.5	1703.5	1963.6	1974.7	1985.7	1667.1
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°
5591.2	0°	5591.2	5591.2	5591.2	5591.2	5591.2	5591.2	5591.2	5591.2	5591.2	5591.2
6181.3	2.5°	6171.6	6161.9	6142.6	6123.3	6090.9	6058.5	6035.6	6012.8	5966.7	5920.6
6921.0	5°	6894.9	6868.9	6826.0	6783.1	6703.9	6625.0	6545.1	6465.5	6363.6	6261.7
7628.4	7.5°	7590.7	7552.7	7482.5	7412.4	7295.9	7179.4	7050.0	6920.4	6752.2	6584.2
8087.6	10°	8050.9	8014.0	7931.6	7848.8	7712.1	7575.4	7422.2	7269.0	7056.4	6843.8
8221.7	12.5°	8201.5	8181.3	8121.2	8061.2	7938.0	7814.4	7648.6	7482.5	7248.9	7015.4
8015.3	15°	8036.7	8058.2	8056.0	8053.9	7976.2	7898.7	7755.6	7612.3	7368.8	7125.3
7548.4	17.5°	7628.2	7707.8	7794.7	7881.6	7880.3	7878.8	7782.0	7685.3	7438.3	7191.4
6966.5	20°	7106.2	7245.9	7437.7	7629.5	7731.4	7833.3	7799.4	7765.7	7509.1	7252.3
6434.9	22.5°	6609.5	6784.1	7066.3	7348.4	7559.5	7770.7	7814.9	7859.1	7596.9	7334.5
6007.0	25°	6190.3	6373.9	6716.6	7059.2	7379.7	7700.3	7839.7	7979.2	7722.2	7465.4
5673.8	27.5°	5854.3	6034.9	6414.7	6794.4	7218.8	7643.4	7893.0	8142.3	7897.2	7652.0
5447.1	30°	5614.6	5782.2	6177.8	6573.5	7096.1	7618.8	7990.4	8362.2	8125.3	7888.7
5414.2	32.5°	5546.0	5677.5	6049.3	6421.1	7012.4	7603.7	8112.7	8621.8	8387.3	8153.0
5881.3	35°	5912.0	5942.7	6200.8	6459.1	7075.1	7691.3	8314.1	8937.2	8712.8	8488.1
7129.6	37.5°	6989.3	6848.9	6865.7	6882.4	7442.4	8002.4	8735.3	9468.2	9182.0	8895.8
9113.8	40°	8772.6	8431.5	8137.5	7843.6	8260.1	8676.5	9473.6	10270.6	9853.5	9436.4
11796.5	42.5°	11176.0	10555.6	9914.5	9273.4	9513.3	9753.1	10544.0	11334.8	10732.8	10130.7
15109.9	45°	14090.1	13070.5	12043.3	11016.2	11122.2	11228.0	11938.6	12648.9	11836.9	11024.8
18815.2	47.5°	17322.8	15830.1	14348.8	12867.1	12888.6	12910.1	13601.3	14292.4	13149.5	12006.4
22506.1	50°	20535.9	18565.7	16656.1	14746.6	14743.0	14739.3	15592.8	16446.5	14723.4	13000.2
26079.9	52.5°	23642.4	21204.7	18923.7	16642.8	16747.5	16852.0	17885.5	18919.2	16376.8	13834.3
29583.6	55°	26677.5	23771.3	21233.0	18694.4	19101.8	19509.3	20530.5	21551.8	17842.6	14133.6
32909.1	57.5°	29617.7	26326.0	23762.8	21199.5	22016.5	22833.7	23390.1	23946.2	18881.5	13816.8
36991.4	60°	33467.2	29942.9	27517.2	25091.5	26106.3	27121.2	26257.1	25393.4	19141.1	12888.6
40300.5	62.5°	36947.7	33594.6	31372.3	29150.2	29264.7	29379.1	27018.8	24658.5	18047.9	11437.4
40645.3	65°	37394.1	34142.8	31318.7	28494.7	28056.6	27618.3	25403.0	23187.8	16501.2	9814.7
38256.9	67.5°	34991.6	31726.3	28784.1	25841.8	25636.4	25430.9	23324.0	21217.1	14660.6	8104.1
34499.0	70°	31689.2	28879.2	26248.1	23616.9	23524.8	23433.0	21141.1	18849.5	12652.2	6454.8
29746.0	72.5°	27641.7	25537.1	23478.5	21419.8	21354.0	21287.9	18657.9	16028.1	10474.9	4921.8
24557.7	75°	23076.2	21594.7	19993.1	18391.4	18147.1	17902.7	15180.9	12459.1	7979.0	3498.9
19219.6	77.5°	18168.7	17118.1	15900.5	14682.9	14333.2	13983.5	11442.5	8901.8	5584.6	2267.4
13912.7	80°	13361.0	12809.2	11890.1	10970.5	10535.8	10101.1	7963.8	5826.2	3598.0	1369.9
9006.9	82.5°	8776.9	8546.7	7913.8	7280.8	6795.1	6309.6	4848.0	3386.7	2082.4	778.4
5168.6	85°	5037.9	4907.2	4387.4	3867.3	3454.3	3041.3	2265.7	1490.1	936.7	383.6
1985.7	87.5°	1974.7	1963.6	1703.5	1443.5	1213.1	982.7	722.0	461.3	306.8	152.3
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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**CANDELA DISTRIBUTION (continued):**

105°		110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
5591.2	0°	5591.2	5591.2	5591.2	5591.2	5591.2	5591.2	5591.2	5591.2	5591.2	5591.2
5871.4	2.5°	5822.5	5773.2	5723.8	5676.6	5629.4	5583.7	5532.9	5491.7	5450.7	5413.6
6160.0	5°	6058.5	5956.2	5854.1	5758.6	5663.1	5573.0	5484.0	5406.3	5328.4	5263.2
6428.9	7.5°	6273.5	6122.3	5971.0	5837.8	5704.5	5581.6	5466.4	5363.0	5259.8	5173.9
6638.5	10°	6433.4	6249.7	6065.8	5908.3	5750.4	5598.7	5475.0	5366.0	5257.0	5171.1
6782.9	12.5°	6550.3	6333.6	6116.9	5938.6	5760.3	5600.9	5485.7	5396.4	5307.6	5250.5
6873.0	15°	6620.7	6371.1	6121.6	5915.2	5708.8	5532.2	5440.0	5397.3	5354.8	5362.5
6916.1	17.5°	6640.8	6351.2	6061.5	5813.3	5565.1	5357.4	5300.5	5316.2	5331.6	5425.2
6949.8	20°	6647.3	6296.3	5945.2	5637.6	5329.9	5088.1	5073.1	5146.0	5219.0	5381.4
6995.3	22.5°	6655.8	6228.9	5801.9	5431.4	5060.9	4785.6	4815.0	4922.9	5030.8	5216.2
7077.7	25°	6689.7	6162.4	5635.2	5201.2	4767.4	4485.2	4564.6	4689.0	4813.5	4980.2
7206.4	27.5°	6760.5	6118.0	5475.4	4990.7	4506.0	4249.2	4345.8	4465.9	4586.1	4723.2
7373.1	30°	6857.5	6097.2	5336.3	4814.8	4293.2	4077.6	4153.3	4248.6	4344.3	4458.0
7547.1	32.5°	6941.2	6071.4	5201.2	4663.1	4124.8	3951.0	3984.7	4041.1	4097.5	4188.3
7745.3	35°	7002.6	6022.9	5043.7	4514.0	3984.2	3839.4	3825.5	3840.9	3856.6	3925.9
7967.4	37.5°	7039.0	5939.9	4840.7	4338.5	3836.2	3709.6	3658.5	3641.4	3624.2	3674.0
8249.3	40°	7062.0	5825.5	4589.3	4129.1	3668.8	3554.1	3475.8	3436.9	3398.1	3433.9
8618.1	42.5°	7105.5	5707.5	4309.9	3898.0	3486.0	3380.3	3281.6	3230.1	3178.6	3207.8
9103.5	45°	7182.1	5597.9	4013.8	3652.5	3291.2	3184.0	3088.5	3038.3	2988.3	3012.7
9620.5	47.5°	7234.7	5507.3	3780.0	3458.4	3136.8	2998.4	2916.2	2874.1	2832.1	2855.3
10100.3	50°	7200.4	5408.7	3616.9	3329.4	3041.9	2860.0	2764.5	2727.2	2690.1	2726.1
10411.8	52.5°	6989.0	5241.9	3495.1	3244.5	2994.1	2784.9	2651.4	2614.5	2577.8	2632.1
10343.1	55°	6552.4	4965.6	3378.8	3182.9	2987.0	2792.4	2591.4	2533.0	2474.9	2551.9
9860.0	57.5°	5903.4	4576.0	3248.3	3109.9	2971.6	2799.9	2555.3	2470.4	2385.4	2468.2
8960.8	60°	5033.0	4070.1	3107.1	2998.4	2889.6	2776.3	2521.4	2411.4	2301.1	2373.8
7744.9	62.5°	4052.5	3464.6	2876.7	2804.4	2732.3	2718.4	2481.9	2344.2	2206.7	2252.8
6504.4	65°	3194.3	2919.8	2645.4	2611.3	2577.2	2578.9	2398.7	2252.4	2105.8	2123.6
5289.1	67.5°	2474.2	2396.3	2318.2	2337.3	2356.2	2351.5	2250.2	2128.4	2006.5	2000.9
4164.5	70°	1874.1	1896.4	1918.5	2006.9	2095.1	2095.1	2061.8	1975.2	1888.5	1869.2
3183.7	72.5°	1445.7	1512.8	1580.2	1705.5	1830.6	1851.6	1852.0	1792.6	1733.2	1704.8
2310.7	75°	1122.5	1183.5	1244.4	1384.7	1525.0	1622.0	1613.9	1568.2	1522.2	1495.2
1565.8	77.5°	864.2	905.6	947.2	1083.5	1219.7	1379.6	1375.3	1338.6	1301.9	1274.4
1008.8	80°	647.9	665.1	682.3	797.7	912.9	1103.9	1103.2	1072.5	1041.7	1018.7
620.5	82.5°	463.0	466.0	469.4	554.4	639.4	802.4	811.4	796.4	781.4	765.1
331.7	85°	280.0	278.5	276.8	339.0	401.2	522.4	534.2	518.1	502.1	483.8
137.5	87.5°	122.7	121.2	119.7	145.0	170.6	221.0	236.0	229.6	223.1	219.7
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: P952862  
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**CANDELA DISTRIBUTION (continued):**

160°		165°	170°	175°	180°	185°	190°	195°	200°	205°	210°
5591.2	0°	5591.2	5591.2	5591.2	5591.2	5591.2	5591.2	5591.2	5591.2	5591.2	5591.2
5376.7	2.5°	5344.3	5311.9	5279.3	5246.9	5221.8	5196.5	5176.1	5155.7	5139.8	5123.9
5198.2	5°	5140.7	5083.2	5031.0	4978.7	4938.6	4898.2	4870.1	4842.0	4822.1	4802.1
5088.1	7.5°	5015.8	4943.3	4879.4	4815.6	4767.8	4720.2	4686.7	4653.2	4630.3	4607.5
5085.3	10°	5007.4	4929.3	4857.5	4785.6	4728.5	4671.2	4633.9	4596.1	4574.5	4552.8
5193.9	12.5°	5132.5	5071.6	4997.1	4922.9	4850.0	4777.0	4728.7	4680.5	4656.2	4632.2
5370.2	15°	5354.4	5338.5	5273.9	5209.3	5105.5	5001.6	4928.3	4854.9	4821.2	4787.7
5518.7	17.5°	5568.5	5618.1	5565.9	5514.0	5376.5	5238.9	5130.8	5022.7	4972.9	4922.9
5544.0	20°	5648.1	5752.2	5728.1	5703.9	5546.6	5389.6	5257.0	5124.6	5060.9	4996.9
5402.0	22.5°	5537.4	5672.8	5687.4	5701.7	5551.5	5401.4	5264.9	5128.2	5061.1	4993.7
5147.1	25°	5280.4	5413.6	5463.4	5512.9	5389.8	5266.8	5145.4	5024.4	4966.0	4907.9
4860.0	27.5°	4966.9	5073.7	5129.1	5184.7	5096.9	5009.4	4915.2	4821.0	4781.9	4742.7
4571.7	30°	4660.3	4749.1	4794.2	4839.2	4772.5	4705.6	4638.2	4570.4	4550.4	4530.3
4279.2	32.5°	4364.2	4449.4	4499.4	4549.6	4488.2	4426.6	4372.8	4318.9	4305.9	4292.8
3995.0	35°	4079.1	4163.4	4223.5	4283.5	4239.8	4196.2	4146.4	4096.9	4076.9	4057.2
3723.6	37.5°	3807.4	3891.6	3965.8	4040.0	4019.9	3999.7	3954.0	3908.1	3871.8	3835.8
3469.7	40°	3550.8	3631.9	3717.3	3802.9	3807.9	3812.6	3773.8	3734.9	3682.1	3629.8
3237.2	42.5°	3314.0	3391.0	3483.3	3575.5	3600.2	3624.9	3592.0	3559.4	3494.0	3428.5
3037.6	45°	3110.6	3183.5	3279.2	3374.9	3410.3	3445.7	3416.1	3386.7	3311.8	3237.2
2878.2	47.5°	2949.7	3020.9	3115.3	3209.7	3250.5	3291.2	3270.6	3250.0	3183.5	3117.0
2762.4	50°	2829.7	2896.9	2981.4	3066.0	3118.3	3170.7	3169.4	3168.5	3115.3	3062.1
2686.2	52.5°	2748.0	2809.6	2888.3	2967.3	3029.3	3091.3	3102.4	3113.6	3070.2	3026.9
2628.7	55°	2695.2	2761.7	2830.8	2899.7	2965.3	3031.2	3046.6	3062.1	3024.3	2986.6
2551.0	57.5°	2629.1	2707.2	2775.5	2843.9	2910.2	2976.3	2991.9	3007.6	2969.4	2931.2
2446.3	60°	2536.0	2625.7	2695.0	2764.5	2831.0	2897.5	2914.7	2931.9	2894.5	2857.4
2298.9	62.5°	2403.4	2508.1	2582.1	2656.2	2717.1	2778.0	2794.5	2811.1	2777.4	2743.7
2141.2	65°	2253.2	2365.4	2436.2	2507.0	2560.7	2614.3	2631.3	2648.0	2615.6	2583.2
1995.3	67.5°	2098.8	2202.4	2269.5	2336.5	2382.8	2429.2	2445.7	2462.0	2432.2	2402.6
1849.9	70°	1940.8	2031.8	2089.7	2147.7	2189.5	2231.3	2247.2	2263.1	2238.9	2214.6
1676.7	72.5°	1748.4	1819.8	1872.2	1924.5	1965.5	2006.5	2025.4	2044.3	2024.1	2003.9
1468.0	75°	1521.2	1574.4	1621.8	1669.2	1706.6	1743.9	1763.6	1783.4	1773.5	1763.6
1247.0	77.5°	1290.3	1333.4	1374.2	1415.0	1454.2	1493.3	1511.7	1530.2	1516.5	1502.3
995.5	80°	1031.6	1067.4	1101.7	1136.1	1165.9	1195.5	1219.9	1244.4	1238.4	1232.6
748.8	82.5°	745.8	742.8	730.8	718.8	782.3	845.8	887.4	929.0	926.4	923.6
465.6	85°	450.1	434.5	401.2	368.0	427.4	487.0	538.5	590.0	585.7	581.4
216.3	87.5°	215.6	215.0	189.7	164.1	189.0	214.1	234.9	255.7	250.6	245.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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**CANDELA DISTRIBUTION (continued):**

215°		220°	225°	230°	235°	240°	245°	250°	255°	260°	265°
5591.2	0°	5591.2	5591.2	5591.2	5591.2	5591.2	5591.2	5591.2	5591.2	5591.2	5591.2
5109.4	2.5°	5094.5	5076.3	5094.5	5109.4	5123.9	5139.8	5155.7	5176.1	5196.5	5221.8
4786.9	5°	4771.6	4756.6	4771.6	4786.9	4802.1	4822.1	4842.0	4870.1	4898.2	4938.6
4593.8	7.5°	4580.3	4570.0	4580.3	4593.8	4607.5	4630.3	4653.2	4686.7	4720.2	4767.8
4541.2	10°	4529.6	4524.9	4529.6	4541.2	4552.8	4574.5	4596.1	4633.9	4671.2	4728.5
4622.3	12.5°	4612.4	4610.7	4612.4	4622.3	4632.2	4656.2	4680.5	4728.7	4777.0	4850.0
4774.9	15°	4762.0	4760.9	4762.0	4774.9	4787.7	4821.2	4854.9	4928.3	5001.6	5105.5
4906.6	17.5°	4890.1	4887.5	4890.1	4906.6	4922.9	4972.9	5022.7	5130.8	5238.9	5376.5
4976.5	20°	4956.2	4949.7	4956.2	4976.5	4996.9	5060.9	5124.6	5257.0	5389.6	5546.6
4971.2	22.5°	4948.7	4939.0	4948.7	4971.2	4993.7	5061.1	5128.2	5264.9	5401.4	5551.5
4886.6	25°	4865.6	4853.2	4865.6	4886.6	4907.9	4966.0	5024.4	5145.4	5266.8	5389.8
4733.0	27.5°	4723.4	4720.2	4723.4	4733.0	4742.7	4781.9	4821.0	4915.2	5009.4	5096.9
4530.3	30°	4530.3	4533.5	4530.3	4530.3	4530.3	4550.4	4570.4	4638.2	4705.6	4772.5
4294.5	32.5°	4296.4	4299.6	4296.4	4294.5	4292.8	4305.9	4318.9	4372.8	4426.6	4488.2
4052.9	35°	4048.6	4046.5	4048.6	4052.9	4057.2	4076.9	4096.9	4146.4	4196.2	4239.8
3816.7	37.5°	3797.6	3786.9	3797.6	3816.7	3835.8	3871.8	3908.1	3954.0	3999.7	4019.9
3594.2	40°	3559.0	3538.0	3559.0	3594.2	3629.8	3682.1	3734.9	3773.8	3812.6	3807.9
3376.8	42.5°	3325.1	3291.2	3325.1	3376.8	3428.5	3494.0	3559.4	3592.0	3624.9	3600.2
3176.4	45°	3115.7	3076.7	3115.7	3176.4	3237.2	3311.8	3386.7	3416.1	3445.7	3410.3
3060.8	47.5°	3004.8	2967.3	3004.8	3060.8	3117.0	3183.5	3250.0	3270.6	3291.2	3250.5
3010.2	50°	2958.2	2922.2	2958.2	3010.2	3062.1	3115.3	3168.5	3169.4	3170.7	3118.3
2980.3	52.5°	2934.0	2900.7	2934.0	2980.3	3026.9	3070.2	3113.6	3102.4	3091.3	3029.3
2945.8	55°	2905.0	2875.0	2905.0	2945.8	2986.6	3024.3	3062.1	3046.6	3031.2	2965.3
2890.9	57.5°	2850.3	2819.2	2850.3	2890.9	2931.2	2969.4	3007.6	2991.9	2976.3	2910.2
2815.8	60°	2774.2	2742.0	2774.2	2815.8	2857.4	2894.5	2931.9	2914.7	2897.5	2831.0
2699.9	62.5°	2656.2	2617.5	2656.2	2699.9	2743.7	2777.4	2811.1	2794.5	2778.0	2717.1
2540.7	65°	2498.5	2465.2	2498.5	2540.7	2583.2	2615.6	2648.0	2631.3	2614.3	2560.7
2363.1	67.5°	2323.6	2293.6	2323.6	2363.1	2402.6	2432.2	2462.0	2445.7	2429.2	2382.8
2176.8	70°	2139.1	2104.8	2139.1	2176.8	2214.6	2238.9	2263.1	2247.2	2231.3	2189.5
1967.9	72.5°	1932.0	1898.8	1932.0	1967.9	2003.9	2024.1	2044.3	2025.4	2006.5	1965.5
1733.4	75°	1703.1	1671.4	1703.1	1733.4	1763.6	1773.5	1783.4	1763.6	1743.9	1706.6
1471.8	77.5°	1441.4	1416.0	1441.4	1471.8	1502.3	1516.5	1530.2	1511.7	1493.3	1454.2
1191.6	80°	1150.4	1102.8	1150.4	1191.6	1232.6	1238.4	1244.4	1219.9	1195.5	1165.9
889.1	82.5°	854.3	823.9	854.3	889.1	923.6	926.4	929.0	887.4	845.8	782.3
554.4	85°	527.4	499.9	527.4	554.4	581.4	585.7	590.0	538.5	487.0	427.4
231.3	87.5°	217.1	203.8	217.1	231.3	245.0	250.6	255.7	234.9	214.1	189.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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**CANDELA DISTRIBUTION (continued):**

270°		275°	280°	285°	290°	295°	300°	305°	310°	315°	320°
5591.2	0°	5591.2	5591.2	5591.2	5591.2	5591.2	5591.2	5591.2	5591.2	5591.2	5591.2
5246.9	2.5°	5279.3	5311.9	5344.3	5376.7	5413.6	5450.7	5491.7	5532.9	5583.7	5629.4
4978.7	5°	5031.0	5083.2	5140.7	5198.2	5263.2	5328.4	5406.3	5484.0	5573.0	5663.1
4815.6	7.5°	4879.4	4943.3	5015.8	5088.1	5173.9	5259.8	5363.0	5466.4	5581.6	5704.5
4785.6	10°	4857.5	4929.3	5007.4	5085.3	5171.1	5257.0	5366.0	5475.0	5598.7	5750.4
4922.9	12.5°	4997.1	5071.6	5132.5	5193.9	5250.5	5307.6	5396.4	5485.7	5600.9	5760.3
5209.3	15°	5273.9	5338.5	5354.4	5370.2	5362.5	5354.8	5397.3	5440.0	5532.2	5708.8
5514.0	17.5°	5565.9	5618.1	5568.5	5518.7	5425.2	5331.6	5316.2	5300.5	5357.4	5565.1
5703.9	20°	5728.1	5752.2	5648.1	5544.0	5381.4	5219.0	5146.0	5073.1	5088.1	5329.9
5701.7	22.5°	5687.4	5672.8	5537.4	5402.0	5216.2	5030.8	4922.9	4815.0	4785.6	5060.9
5512.9	25°	5463.4	5413.6	5280.4	5147.1	4980.2	4813.5	4689.0	4564.6	4485.2	4767.4
5184.7	27.5°	5129.1	5073.7	4966.9	4860.0	4723.2	4586.1	4465.9	4345.8	4249.2	4506.0
4839.2	30°	4794.2	4749.1	4660.3	4571.7	4458.0	4344.3	4248.6	4153.3	4077.6	4293.2
4549.6	32.5°	4499.4	4449.4	4364.2	4279.2	4188.3	4097.5	4041.1	3984.7	3951.0	4124.8
4283.5	35°	4223.5	4163.4	4079.1	3995.0	3925.9	3856.6	3840.9	3825.5	3839.4	3984.2
4040.0	37.5°	3965.8	3891.6	3807.4	3723.6	3674.0	3624.2	3641.4	3658.5	3709.6	3836.2
3802.9	40°	3717.3	3631.9	3550.8	3469.7	3433.9	3398.1	3436.9	3475.8	3554.1	3668.8
3575.5	42.5°	3483.3	3391.0	3314.0	3237.2	3207.8	3178.6	3230.1	3281.6	3380.3	3486.0
3374.9	45°	3279.2	3183.5	3110.6	3037.6	3012.7	2988.3	3038.3	3088.5	3184.0	3291.2
3209.7	47.5°	3115.3	3020.9	2949.7	2878.2	2855.3	2832.1	2874.1	2916.2	2998.4	3136.8
3066.0	50°	2981.4	2896.9	2829.7	2762.4	2726.1	2690.1	2727.2	2764.5	2860.0	3041.9
2967.3	52.5°	2888.3	2809.6	2748.0	2686.2	2632.1	2577.8	2614.5	2651.4	2784.9	2994.1
2899.7	55°	2830.8	2761.7	2695.2	2628.7	2551.9	2474.9	2533.0	2591.4	2792.4	2987.0
2843.9	57.5°	2775.5	2707.2	2629.1	2551.0	2468.2	2385.4	2470.4	2555.3	2799.9	2971.6
2764.5	60°	2695.0	2625.7	2536.0	2446.3	2373.8	2301.1	2411.4	2521.4	2776.3	2889.6
2656.2	62.5°	2582.1	2508.1	2403.4	2298.9	2252.8	2206.7	2344.2	2481.9	2718.4	2732.3
2507.0	65°	2436.2	2365.4	2253.2	2141.2	2123.6	2105.8	2252.4	2398.7	2578.9	2577.2
2336.5	67.5°	2269.5	2202.4	2098.8	1995.3	2000.9	2006.5	2128.4	2250.2	2351.5	2356.2
2147.7	70°	2089.7	2031.8	1940.8	1849.9	1869.2	1888.5	1975.2	2061.8	2095.1	2095.1
1924.5	72.5°	1872.2	1819.8	1748.4	1676.7	1704.8	1733.2	1792.6	1852.0	1851.6	1830.6
1669.2	75°	1621.8	1574.4	1521.2	1468.0	1495.2	1522.2	1568.2	1613.9	1622.0	1525.0
1415.0	77.5°	1374.2	1333.4	1290.3	1247.0	1274.4	1301.9	1338.6	1375.3	1379.6	1219.7
1136.1	80°	1101.7	1067.4	1031.6	995.5	1018.7	1041.7	1072.5	1103.2	1103.9	912.9
718.8	82.5°	730.8	742.8	745.8	748.8	765.1	781.4	796.4	811.4	802.4	639.4
368.0	85°	401.2	434.5	450.1	465.6	483.8	502.1	518.1	534.2	522.4	401.2
164.1	87.5°	189.7	215.0	215.6	216.3	219.7	223.1	229.6	236.0	221.0	170.6
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):**

325°		330°	335°	340°	345°	350°	355°	360°
5591.2	0°	5591.2	5591.2	5591.2	5591.2	5591.2	5591.2	5591.2
5676.6	2.5°	5723.8	5773.2	5822.5	5871.4	5920.6	5966.7	6012.8
5758.6	5°	5854.1	5956.2	6058.5	6160.0	6261.7	6363.6	6465.5
5837.8	7.5°	5971.0	6122.3	6273.5	6428.9	6584.2	6752.2	6920.4
5908.3	10°	6065.8	6249.7	6433.4	6638.5	6843.8	7056.4	7269.0
5938.6	12.5°	6116.9	6333.6	6550.3	6782.9	7015.4	7248.9	7482.5
5915.2	15°	6121.6	6371.1	6620.7	6873.0	7125.3	7368.8	7612.3
5813.3	17.5°	6061.5	6351.2	6640.8	6916.1	7191.4	7438.3	7685.3
5637.6	20°	5945.2	6296.3	6647.3	6949.8	7252.3	7509.1	7765.7
5431.4	22.5°	5801.9	6228.9	6655.8	6995.3	7334.5	7596.9	7859.1
5201.2	25°	5635.2	6162.4	6689.7	7077.7	7465.4	7722.2	7979.2
4990.7	27.5°	5475.4	6118.0	6760.5	7206.4	7652.0	7897.2	8142.3
4814.8	30°	5336.3	6097.2	6857.5	7373.1	7888.7	8125.3	8362.2
4663.1	32.5°	5201.2	6071.4	6941.2	7547.1	8153.0	8387.3	8621.8
4514.0	35°	5043.7	6022.9	7002.6	7745.3	8488.1	8712.8	8937.2
4338.5	37.5°	4840.7	5939.9	7039.0	7967.4	8895.8	9182.0	9468.2
4129.1	40°	4589.3	5825.5	7062.0	8249.3	9436.4	9853.5	10270.6
3898.0	42.5°	4309.9	5707.5	7105.5	8618.1	10130.7	10732.8	11334.8
3652.5	45°	4013.8	5597.9	7182.1	9103.5	11024.8	11836.9	12648.9
3458.4	47.5°	3780.0	5507.3	7234.7	9620.5	12006.4	13149.5	14292.4
3329.4	50°	3616.9	5408.7	7200.4	10100.3	13000.2	14723.4	16446.5
3244.5	52.5°	3495.1	5241.9	6989.0	10411.8	13834.3	16376.8	18919.2
3182.9	55°	3378.8	4965.6	6552.4	10343.1	14133.6	17842.6	21551.8
3109.9	57.5°	3248.3	4576.0	5903.4	9860.0	13816.8	18881.5	23946.2
2998.4	60°	3107.1	4070.1	5033.0	8960.8	12888.6	19141.1	25393.4
2804.4	62.5°	2876.7	3464.6	4052.5	7744.9	11437.4	18047.9	24658.5
2611.3	65°	2645.4	2919.8	3194.3	6504.4	9814.7	16501.2	23187.8
2337.3	67.5°	2318.2	2396.3	2474.2	5289.1	8104.1	14660.6	21217.1
2006.9	70°	1918.5	1896.4	1874.1	4164.5	6454.8	12652.2	18849.5
1705.5	72.5°	1580.2	1512.8	1445.7	3183.7	4921.8	10474.9	16028.1
1384.7	75°	1244.4	1183.5	1122.5	2310.7	3498.9	7979.0	12459.1
1083.5	77.5°	947.2	905.6	864.2	1565.8	2267.4	5584.6	8901.8
797.7	80°	682.3	665.1	647.9	1008.8	1369.9	3598.0	5826.2
554.4	82.5°	469.4	466.0	463.0	620.5	778.4	2082.4	3386.7
339.0	85°	276.8	278.5	280.0	331.7	383.6	936.7	1490.1
145.0	87.5°	119.7	121.2	122.7	137.5	152.3	306.8	461.3
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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