

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: P951688

Luminaire Tested: **GALN-SB5D-735-U-SLR**

Issue Date: 1/21/2025

**Test Information**

Test Method: LM-79-08  
Report Number: P951688  
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-SB5D-735-U-SLR  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(5) 70 CRI, 3500K, 900mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT  
ELIMINATOR RIGHT OPTICS  
Light Source: -  
Ballast/Driver: -

**Summary**

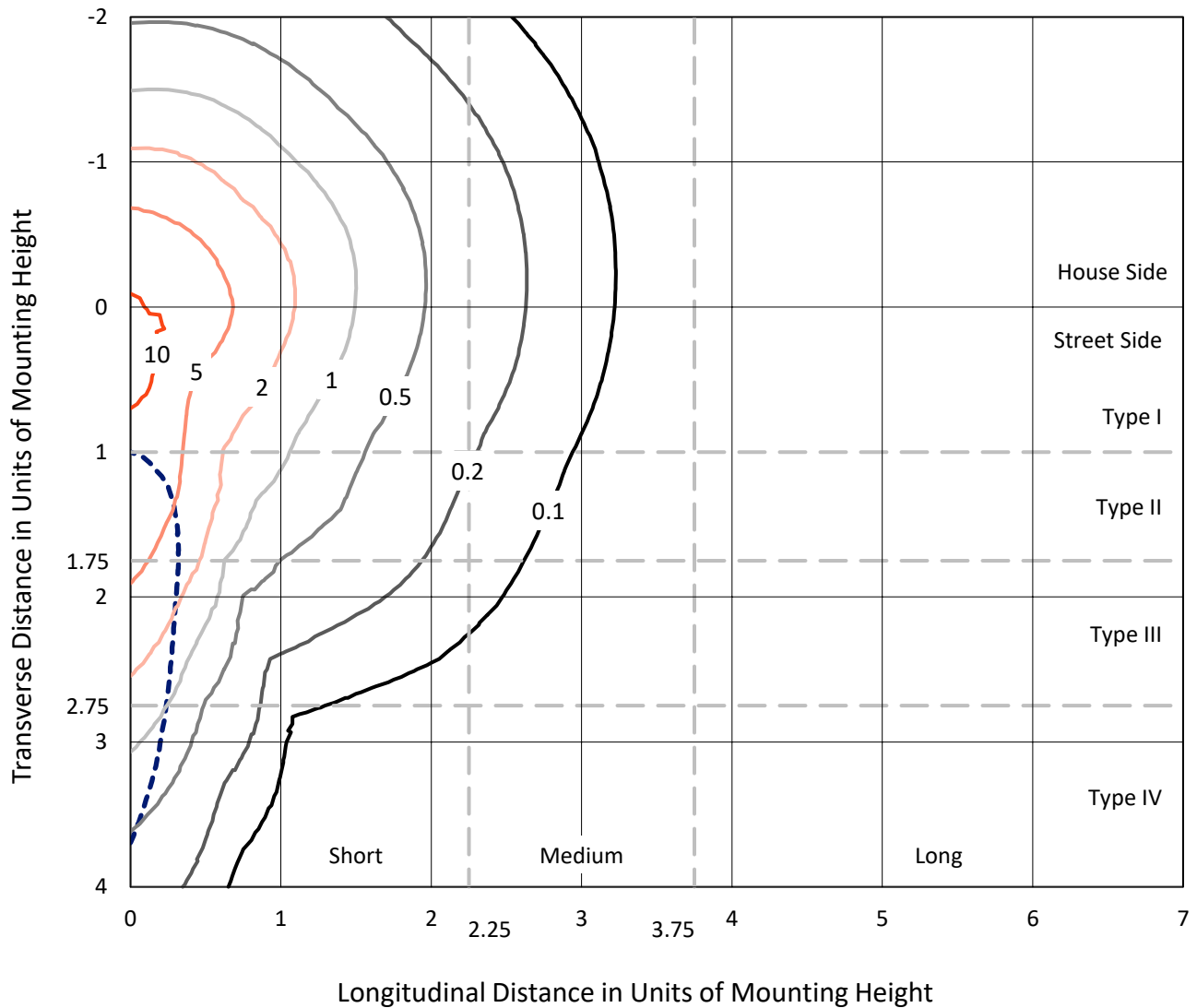
Lumens per Lamp: N/A  
Luminaire Lumens: 51219 lumens  
Efficiency: N/A  
Efficacy: 140.4 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B4 - U0 - G5  
  
Input Watts (W): 364.9  
Input Voltage (V): NR  
Input Current (Ain): NR  
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

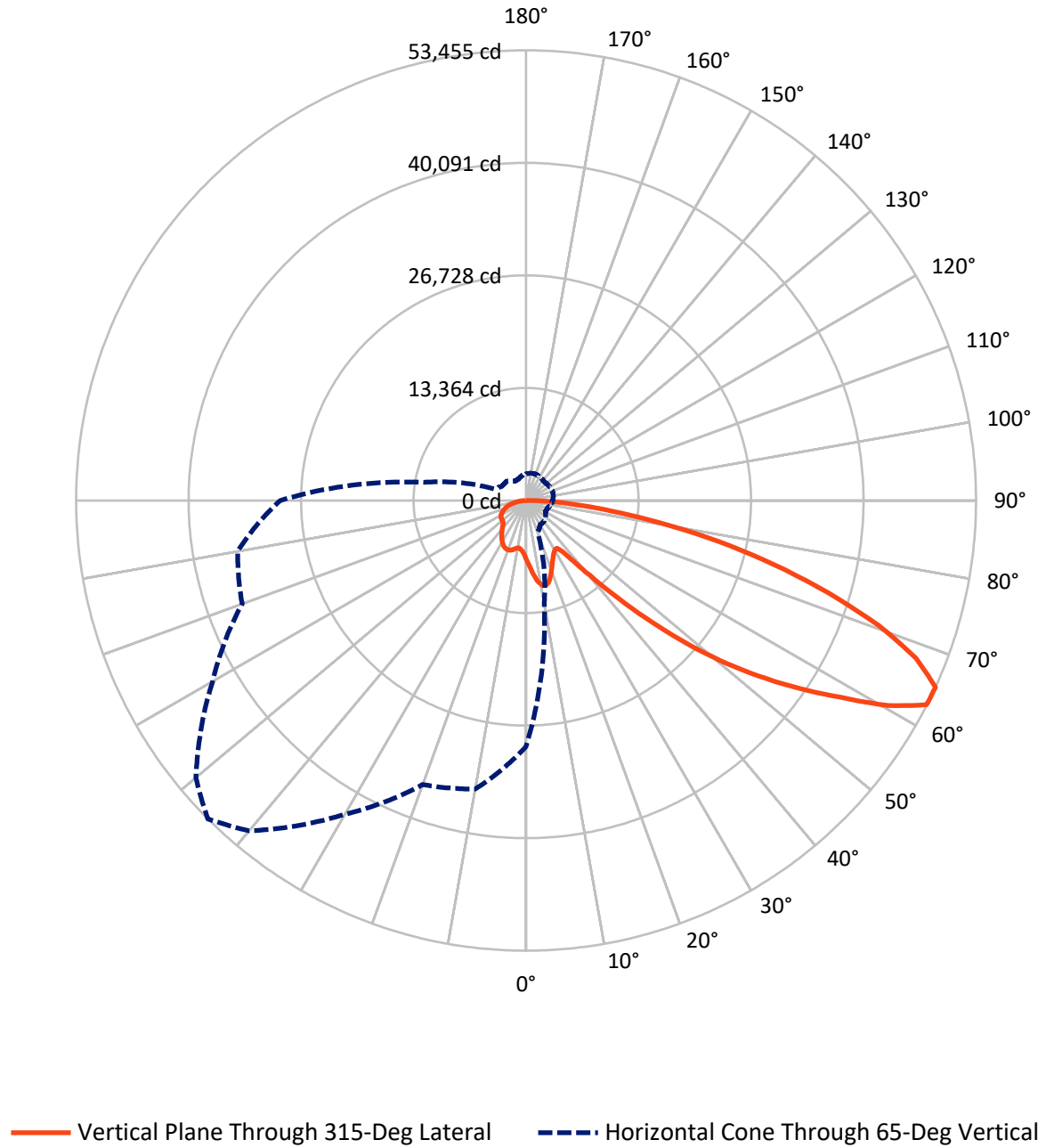
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 13.9 fc  
 Type IV - Short - N/A

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### Luminous Intensity Polar Plot



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**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	13017.3	0.0	13017.3
	% Fixture	25.4	0.0	25.4
<b>Street Side</b>	Lumens	38201.7	0.0	38201.7
	% Fixture	74.6	0.0	74.6
<b>Total</b>	Lumens	51219.0	0.0	51219.0
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	698.7	1.4
10°-20°	2193.3	4.3
20°-30°	3387.8	6.6
30°-40°	4293.2	8.4
40°-50°	6475.3	12.6
50°-60°	10461.7	20.4
60°-70°	13042.2	25.5
70°-80°	8552.4	16.7
80°-90°	2114.4	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°	51219.0	100.0
0°-180°	51219.0	100.0



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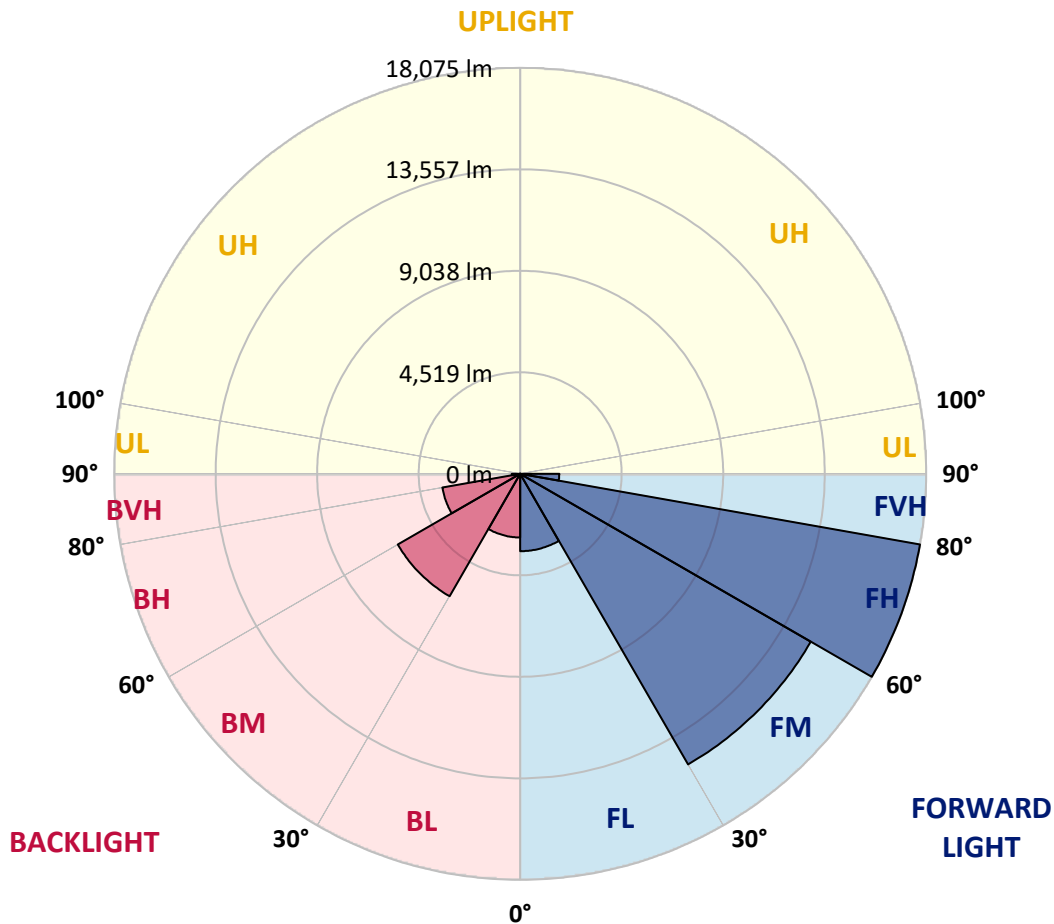
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	3445.1	6.7			
FM (30°-60°)	14939.5	29.2			
FH (60°-80°)	18075.4	35.3			G5
FVH (80°-90°)	1741.8	3.4			G5
BL (0°-30°)	2834.7	5.5	B4/5000		
BM (30°-60°)	6290.7	12.3	B4/8500		
BH (60°-80°)	3519.3	6.9	B4/5000		G4/5000
BVH (80°-90°)	372.6	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°	7043.1	7043.1	7043.1	7043.1	7043.1	7043.1	7043.1	7043.1	7043.1	7043.1
2.5°	7574.1	7516.0	7457.9	7396.0	7334.4	7272.2	7210.1	7150.6	7091.2	7033.6
5°	8144.4	8016.0	7887.6	7759.5	7631.7	7502.8	7374.1	7253.9	7133.6	7020.1
7.5°	8717.3	8505.4	8293.8	8098.2	7902.5	7712.0	7521.4	7353.6	7185.8	7030.9
10°	9156.5	8888.7	8620.8	8362.2	8103.8	7872.5	7640.9	7442.5	7243.6	7052.5
12.5°	9425.4	9131.1	8837.1	8544.1	8251.1	7978.2	7705.2	7480.6	7256.0	7055.2
15°	9588.9	9282.2	8975.4	8657.6	8339.8	8025.5	7711.1	7451.2	7191.2	6968.7
17.5°	9680.8	9369.7	9058.7	8711.9	8365.2	8000.3	7635.5	7322.8	7010.1	6748.5
20°	9782.2	9458.9	9135.4	8754.4	8373.3	7931.1	7489.0	7101.4	6713.9	6409.3
22.5°	9899.7	9569.5	9238.9	8811.7	8384.1	7846.3	7308.5	6841.7	6375.0	6028.2
25°	10051.1	9727.3	9403.8	8915.4	8426.8	7762.5	7098.5	6551.7	6005.2	5649.8
27.5°	10256.5	9947.8	9638.9	9077.6	8516.0	7706.5	6897.1	6286.6	5676.1	5352.6
30°	10533.5	10235.1	9937.0	9287.6	8638.1	7680.3	6722.0	6065.0	5408.0	5136.3
32.5°	10860.5	10565.1	10270.0	9506.8	8743.5	7647.9	6551.7	5873.9	5195.8	4976.9
35°	11257.8	10975.1	10692.1	9756.5	8820.8	7586.8	6353.3	5686.1	5018.8	4836.4
37.5°	11926.7	11566.2	11205.6	10036.2	8866.8	7482.2	6097.7	5465.0	4832.3	4672.8
40°	12937.5	12412.1	11886.7	10391.3	8895.7	7338.2	5780.9	5201.2	4621.5	4476.9
42.5°	14278.0	13519.6	12761.3	10855.9	8950.6	7189.5	5429.0	4910.1	4391.2	4258.0
45°	15933.4	14910.4	13887.5	11467.3	9047.1	7051.4	5056.1	4601.0	4145.8	4010.7
47.5°	18003.6	16563.9	15123.9	12118.6	9113.3	6937.4	4761.5	4356.4	3951.2	3776.9
50°	20717.0	18546.5	16375.8	12722.9	9070.0	6813.1	4556.1	4193.9	3831.8	3602.6
52.5°	23831.8	20629.2	17426.6	13115.3	8803.8	6603.1	4402.6	4086.9	3771.5	3508.0
55°	27147.9	22475.6	17803.6	13028.8	8253.8	6255.0	4256.1	4009.4	3762.6	3517.5
57.5°	30164.1	23784.2	17404.4	12420.2	7436.3	5764.2	4091.8	3917.5	3743.1	3526.9
60°	31987.0	24111.2	16235.2	11287.5	6339.8	5126.9	3913.9	3776.9	3639.9	3497.2
62.5°	31061.3	22734.3	14407.2	9756.0	5104.7	4364.2	3623.7	3532.6	3441.8	3424.2
65°	29208.7	20785.9	12363.2	8193.3	4023.7	3678.0	3332.3	3289.4	3246.4	3248.6
67.5°	26726.3	18467.3	10208.4	6662.5	3116.7	3018.6	2920.2	2944.2	2968.0	2962.1
70°	23744.0	15937.4	8130.9	5245.8	2360.7	2388.9	2416.7	2528.0	2639.1	2639.1
72.5°	20190.0	13194.8	6199.8	4010.4	1821.0	1905.6	1990.5	2148.3	2305.9	2332.4
75°	15694.2	10050.8	4407.4	2910.7	1414.0	1490.8	1567.5	1744.3	1921.0	2043.2
77.5°	11213.2	7034.7	2856.1	1972.4	1088.6	1140.8	1193.2	1364.8	1536.4	1737.8
80°	7339.0	4532.3	1725.6	1270.8	816.2	837.8	859.4	1004.8	1150.0	1390.5
82.5°	4266.1	2623.2	980.5	781.6	583.2	587.0	591.3	698.4	805.4	1010.8
85°	1877.0	1180.0	483.2	417.8	352.7	350.8	348.6	427.0	505.4	658.1
87.5°	581.1	386.5	191.9	173.2	154.6	152.7	150.8	182.7	214.9	278.4
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°
7043.1	0°	7043.1	7043.1	7043.1	7043.1	7043.1	7043.1	7043.1	7043.1	7043.1	7043.1
6969.5	2.5°	6917.7	6866.0	6819.3	6772.8	6732.0	6691.2	6650.1	6609.3	6577.7	6545.8
6907.9	5°	6810.1	6712.0	6629.8	6547.9	6475.5	6403.1	6337.4	6271.5	6220.9	6170.1
6885.8	7.5°	6755.5	6625.5	6517.4	6409.3	6318.2	6226.9	6146.3	6066.1	6005.8	5945.8
6896.6	10°	6759.3	6622.0	6513.9	6405.8	6307.7	6209.3	6118.8	6028.2	5956.3	5884.2
6910.1	12.5°	6797.7	6685.8	6613.9	6542.5	6465.2	6388.5	6294.7	6201.2	6109.3	6017.4
6852.5	15°	6798.7	6745.2	6755.0	6764.7	6744.7	6724.7	6643.3	6562.0	6431.2	6300.4
6676.8	17.5°	6696.6	6716.0	6833.9	6951.7	7014.4	7076.8	7011.2	6945.8	6772.5	6599.3
6390.4	20°	6482.3	6574.1	6778.7	6983.6	7114.7	7245.8	7215.5	7184.9	6986.8	6789.0
6065.2	22.5°	6201.2	6337.1	6570.6	6804.7	6975.2	7145.8	7164.1	7182.2	6993.1	6803.9
5749.8	25°	5906.6	6063.4	6273.3	6483.6	6651.4	6819.3	6882.0	6944.4	6789.3	6634.4
5474.2	27.5°	5625.5	5776.9	5949.6	6122.0	6256.6	6391.2	6460.9	6530.9	6420.4	6310.1
5231.8	30°	5351.7	5472.3	5615.5	5758.8	5870.4	5982.3	6039.0	6095.8	6011.7	5927.4
5019.3	32.5°	5090.4	5161.5	5275.8	5390.4	5497.4	5604.7	5667.7	5730.9	5653.6	5576.1
4818.8	35°	4838.2	4858.0	4945.3	5032.3	5138.2	5244.5	5320.1	5395.8	5340.7	5285.8
4608.5	37.5°	4586.9	4565.3	4628.0	4690.4	4796.1	4902.0	4995.5	5089.1	5063.6	5038.2
4378.3	40°	4329.3	4280.4	4325.6	4370.7	4472.9	4575.0	4682.6	4790.4	4796.6	4802.6
4133.7	42.5°	4068.8	4003.9	4040.7	4077.7	4174.5	4271.5	4387.7	4503.9	4535.0	4566.1
3890.4	45°	3827.2	3764.2	3795.0	3826.4	3918.3	4010.2	4130.7	4251.2	4295.8	4340.4
3673.4	47.5°	3620.4	3567.5	3596.7	3625.6	3715.6	3805.3	3924.2	4043.1	4094.5	4145.8
3482.3	50°	3435.3	3388.6	3434.0	3479.6	3564.5	3649.1	3755.6	3862.1	3928.0	3993.9
3339.9	52.5°	3293.4	3247.2	3315.6	3383.7	3461.5	3539.1	3638.3	3737.7	3815.8	3893.9
3264.2	55°	3190.7	3117.5	3214.5	3311.3	3395.0	3478.8	3565.8	3652.6	3735.3	3818.3
3218.8	57.5°	3111.8	3004.8	3109.1	3213.4	3311.8	3410.2	3496.1	3582.3	3665.8	3749.1
3176.1	60°	3037.5	2898.6	2990.2	3081.5	3194.5	3307.5	3394.8	3482.3	3566.1	3649.9
3126.4	62.5°	2952.9	2779.7	2837.8	2895.9	3027.5	3159.4	3252.6	3345.9	3422.6	3499.4
3021.5	65°	2837.2	2652.6	2675.1	2697.2	2838.3	2979.6	3068.8	3158.0	3225.6	3293.2
2834.5	67.5°	2681.0	2527.5	2520.5	2513.4	2643.7	2774.2	2858.8	2943.2	3001.5	3059.9
2597.2	70°	2488.0	2378.9	2354.5	2330.2	2444.8	2559.4	2632.4	2705.3	2758.0	2810.7
2332.9	72.5°	2258.0	2183.2	2147.5	2112.1	2202.4	2292.4	2358.3	2424.3	2475.9	2527.5
2032.9	75°	1975.4	1917.5	1883.5	1849.1	1916.2	1983.2	2042.9	2102.6	2149.7	2196.7
1732.4	77.5°	1686.2	1640.0	1605.4	1570.8	1625.4	1679.7	1731.0	1782.4	1831.8	1881.0
1389.7	80°	1351.0	1312.1	1283.2	1254.0	1299.4	1344.6	1387.8	1431.0	1468.6	1505.9
1022.1	82.5°	1003.2	984.3	963.8	943.2	939.4	935.7	920.5	905.4	985.4	1065.4
673.0	85°	652.7	632.4	609.4	586.5	567.0	547.3	505.4	463.5	538.4	613.5
297.3	87.5°	289.2	281.1	276.7	272.4	271.6	270.8	238.9	206.8	238.1	269.7
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°
7043.1	0°	7043.1	7043.1	7043.1	7043.1	7043.1	7043.1	7043.1	7043.1	7043.1	7043.1
6520.1	2.5°	6494.4	6474.4	6454.4	6436.0	6417.4	6394.4	6417.4	6436.0	6454.4	6474.4
6134.7	5°	6099.3	6074.2	6049.0	6029.8	6010.6	5991.7	6010.6	6029.8	6049.0	6074.2
5903.6	7.5°	5861.5	5832.5	5803.9	5786.6	5769.6	5756.6	5769.6	5786.6	5803.9	5832.5
5837.1	10°	5789.6	5762.3	5735.0	5720.4	5705.8	5699.8	5705.8	5720.4	5735.0	5762.3
5956.6	12.5°	5895.8	5865.2	5835.0	5822.5	5810.1	5808.0	5810.1	5822.5	5835.0	5865.2
6207.9	15°	6115.5	6073.1	6030.9	6014.7	5998.5	5997.1	5998.5	6014.7	6030.9	6073.1
6463.1	17.5°	6326.9	6264.2	6201.2	6180.6	6159.8	6156.6	6159.8	6180.6	6201.2	6264.2
6622.0	20°	6455.2	6375.0	6294.4	6268.8	6243.1	6235.0	6243.1	6268.8	6294.4	6375.0
6632.0	22.5°	6459.8	6375.2	6290.4	6262.0	6233.6	6221.5	6233.6	6262.0	6290.4	6375.2
6481.4	25°	6329.0	6255.5	6182.3	6155.5	6129.0	6113.3	6129.0	6155.5	6182.3	6255.5
6191.5	27.5°	6072.8	6023.6	5974.2	5962.0	5949.8	5945.8	5949.8	5962.0	5974.2	6023.6
5842.5	30°	5757.1	5732.0	5706.6	5706.6	5706.6	5710.7	5706.6	5706.6	5706.6	5732.0
5508.2	32.5°	5440.4	5423.9	5407.4	5409.6	5412.0	5416.1	5412.0	5409.6	5407.4	5423.9
5223.1	35°	5160.7	5135.5	5110.7	5105.3	5099.9	5097.2	5099.9	5105.3	5110.7	5135.5
4980.7	37.5°	4922.8	4877.2	4831.8	4807.7	4783.7	4770.1	4783.7	4807.7	4831.8	4877.2
4753.7	40°	4704.7	4638.3	4572.3	4527.4	4483.1	4456.6	4483.1	4527.4	4572.3	4638.3
4524.7	42.5°	4483.7	4401.2	4318.8	4253.7	4188.5	4145.8	4188.5	4253.7	4318.8	4401.2
4303.1	45°	4266.1	4171.8	4077.7	4001.2	3924.8	3875.6	3924.8	4001.2	4077.7	4171.8
4119.9	47.5°	4093.9	4010.2	3926.4	3855.6	3785.0	3737.7	3785.0	3855.6	3926.4	4010.2
3992.3	50°	3991.2	3924.2	3857.2	3791.8	3726.4	3681.0	3726.4	3791.8	3857.2	3924.2
3908.0	52.5°	3922.1	3867.5	3812.9	3754.2	3695.8	3654.0	3695.8	3754.2	3812.9	3867.5
3837.7	55°	3857.2	3809.6	3762.1	3710.7	3659.4	3621.5	3659.4	3710.7	3762.1	3809.6
3768.8	57.5°	3788.5	3740.4	3692.3	3641.5	3590.4	3551.3	3590.4	3641.5	3692.3	3740.4
3671.5	60°	3693.1	3646.1	3599.4	3546.9	3494.5	3454.0	3494.5	3546.9	3599.4	3646.1
3520.2	62.5°	3541.0	3498.6	3456.1	3401.0	3345.9	3297.2	3345.9	3401.0	3456.1	3498.6
3314.5	65°	3335.6	3294.8	3254.0	3200.5	3147.2	3105.3	3147.2	3200.5	3254.0	3294.8
3080.7	67.5°	3101.3	3063.7	3026.4	2976.7	2926.9	2889.1	2926.9	2976.7	3026.4	3063.7
2830.7	70°	2850.7	2820.2	2789.7	2742.1	2694.5	2651.3	2694.5	2742.1	2789.7	2820.2
2551.3	72.5°	2575.1	2549.7	2524.3	2478.9	2433.7	2391.8	2433.7	2478.9	2524.3	2549.7
2221.6	75°	2246.4	2234.0	2221.6	2183.5	2145.3	2105.3	2145.3	2183.5	2221.6	2234.0
1904.3	77.5°	1927.5	1910.2	1892.4	1854.0	1815.6	1783.7	1815.6	1854.0	1892.4	1910.2
1536.7	80°	1567.5	1560.0	1552.7	1501.0	1449.2	1389.2	1449.2	1501.0	1552.7	1560.0
1117.8	82.5°	1170.2	1167.0	1163.5	1120.0	1076.2	1037.8	1076.2	1120.0	1163.5	1167.0
678.4	85°	743.2	737.8	732.4	698.4	664.3	629.7	664.3	698.4	732.4	737.8
295.9	87.5°	322.2	315.7	308.6	291.3	273.5	256.7	273.5	291.3	308.6	315.7
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°
7043.1	0°	7043.1	7043.1	7043.1	7043.1	7043.1	7043.1	7043.1	7043.1	7043.1	7043.1
6494.4	2.5°	6520.1	6545.8	6577.7	6609.3	6650.1	6691.2	6732.0	6772.8	6819.3	6866.0
6099.3	5°	6134.7	6170.1	6220.9	6271.5	6337.4	6403.1	6475.5	6547.9	6629.8	6712.0
5861.5	7.5°	5903.6	5945.8	6005.8	6066.1	6146.3	6226.9	6318.2	6409.3	6517.4	6625.5
5789.6	10°	5837.1	5884.2	5956.3	6028.2	6118.8	6209.3	6307.7	6405.8	6513.9	6622.0
5895.8	12.5°	5956.6	6017.4	6109.3	6201.2	6294.7	6388.5	6465.2	6542.5	6613.9	6685.8
6115.5	15°	6207.9	6300.4	6431.2	6562.0	6643.3	6724.7	6744.7	6764.7	6755.0	6745.2
6326.9	17.5°	6463.1	6599.3	6772.5	6945.8	7011.2	7076.8	7014.4	6951.7	6833.9	6716.0
6455.2	20°	6622.0	6789.0	6986.8	7184.9	7215.5	7245.8	7114.7	6983.6	6778.7	6574.1
6459.8	22.5°	6632.0	6803.9	6993.1	7182.2	7164.1	7145.8	6975.2	6804.7	6570.6	6337.1
6329.0	25°	6481.4	6634.4	6789.3	6944.4	6882.0	6819.3	6651.4	6483.6	6273.3	6063.4
6072.8	27.5°	6191.5	6310.1	6420.4	6530.9	6460.9	6391.2	6256.6	6122.0	5949.6	5776.9
5757.1	30°	5842.5	5927.4	6011.7	6095.8	6039.0	5982.3	5870.4	5758.8	5615.5	5472.3
5440.4	32.5°	5508.2	5576.1	5653.6	5730.9	5667.7	5604.7	5497.4	5390.4	5275.8	5161.5
5160.7	35°	5223.1	5285.8	5340.7	5395.8	5320.1	5244.5	5138.2	5032.3	4945.3	4858.0
4922.8	37.5°	4980.7	5038.2	5063.6	5089.1	4995.5	4902.0	4796.1	4690.4	4628.0	4565.3
4704.7	40°	4753.7	4802.6	4796.6	4790.4	4682.6	4575.0	4472.9	4370.7	4325.6	4280.4
4483.7	42.5°	4524.7	4566.1	4535.0	4503.9	4387.7	4271.5	4174.5	4077.7	4040.7	4003.9
4266.1	45°	4303.1	4340.4	4295.8	4251.2	4130.7	4010.2	3918.3	3826.4	3795.0	3764.2
4093.9	47.5°	4119.9	4145.8	4094.5	4043.1	3924.2	3805.3	3715.6	3625.6	3596.7	3567.5
3991.2	50°	3992.3	3993.9	3928.0	3862.1	3755.6	3649.1	3564.5	3479.6	3434.0	3388.6
3922.1	52.5°	3908.0	3893.9	3815.8	3737.7	3638.3	3539.1	3461.5	3383.7	3315.6	3247.2
3857.2	55°	3837.7	3818.3	3735.3	3652.6	3565.8	3478.8	3395.0	3311.3	3214.5	3117.5
3788.5	57.5°	3768.8	3749.1	3665.8	3582.3	3496.1	3410.2	3311.8	3213.4	3109.1	3004.8
3693.1	60°	3671.5	3649.9	3566.1	3482.3	3394.8	3307.5	3194.5	3081.5	2990.2	2898.6
3541.0	62.5°	3520.2	3499.4	3422.6	3345.9	3252.6	3159.4	3027.5	2895.9	2837.8	2779.7
3335.6	65°	3314.5	3293.2	3225.6	3158.0	3068.8	2979.6	2838.3	2697.2	2675.1	2652.6
3101.3	67.5°	3080.7	3059.9	3001.5	2943.2	2858.8	2774.2	2643.7	2513.4	2520.5	2527.5
2850.7	70°	2830.7	2810.7	2758.0	2705.3	2632.4	2559.4	2444.8	2330.2	2354.5	2378.9
2575.1	72.5°	2551.3	2527.5	2475.9	2424.3	2358.3	2292.4	2202.4	2112.1	2147.5	2183.2
2246.4	75°	2221.6	2196.7	2149.7	2102.6	2042.9	1983.2	1916.2	1849.1	1883.5	1917.5
1927.5	77.5°	1904.3	1881.0	1831.8	1782.4	1731.0	1679.7	1625.4	1570.8	1605.4	1640.0
1567.5	80°	1536.7	1505.9	1468.6	1431.0	1387.8	1344.6	1299.4	1254.0	1283.2	1312.1
1170.2	82.5°	1117.8	1065.4	985.4	905.4	920.5	935.7	939.4	943.2	963.8	984.3
743.2	85°	678.4	613.5	538.4	463.5	505.4	547.3	567.0	586.5	609.4	632.4
322.2	87.5°	295.9	269.7	238.1	206.8	238.9	270.8	271.6	272.4	276.7	281.1
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°
7043.1	0°	7043.1	7043.1	7043.1	7043.1	7043.1	7043.1	7043.1	7043.1	7043.1	7043.1
6917.7	2.5°	6969.5	7033.6	7091.2	7150.6	7210.1	7272.2	7334.4	7396.0	7457.9	7516.0
6810.1	5°	6907.9	7020.1	7133.6	7253.9	7374.1	7502.8	7631.7	7759.5	7887.6	8016.0
6755.5	7.5°	6885.8	7030.9	7185.8	7353.6	7521.4	7712.0	7902.5	8098.2	8293.8	8505.4
6759.3	10°	6896.6	7052.5	7243.6	7442.5	7640.9	7872.5	8103.8	8362.2	8620.8	8888.7
6797.7	12.5°	6910.1	7055.2	7256.0	7480.6	7705.2	7978.2	8251.1	8544.1	8837.1	9131.1
6798.7	15°	6852.5	6968.7	7191.2	7451.2	7711.1	8025.5	8339.8	8657.6	8975.4	9282.2
6696.6	17.5°	6676.8	6748.5	7010.1	7322.8	7635.5	8000.3	8365.2	8711.9	9058.7	9369.7
6482.3	20°	6390.4	6409.3	6713.9	7101.4	7489.0	7931.1	8373.3	8754.4	9135.4	9458.9
6201.2	22.5°	6065.2	6028.2	6375.0	6841.7	7308.5	7846.3	8384.1	8811.7	9238.9	9569.5
5906.6	25°	5749.8	5649.8	6005.2	6551.7	7098.5	7762.5	8426.8	8915.4	9403.8	9727.3
5625.5	27.5°	5474.2	5352.6	5676.1	6286.6	6897.1	7706.5	8516.0	9077.6	9638.9	9947.8
5351.7	30°	5231.8	5136.3	5408.0	6065.0	6722.0	7680.3	8638.1	9287.6	9937.0	10235.1
5090.4	32.5°	5019.3	4976.9	5195.8	5873.9	6551.7	7647.9	8743.5	9506.8	10270.0	10565.1
4838.2	35°	4818.8	4836.4	5018.8	5686.1	6353.3	7586.8	8820.8	9756.5	10692.1	10975.1
4586.9	37.5°	4608.5	4672.8	4832.3	5465.0	6097.7	7482.2	8866.8	10036.2	11205.6	11566.2
4329.3	40°	4378.3	4476.9	4621.5	5201.2	5780.9	7338.2	8895.7	10391.3	11886.7	12412.1
4068.8	42.5°	4133.7	4258.0	4391.2	4910.1	5429.0	7189.5	8950.6	10855.9	12761.3	13519.6
3827.2	45°	3890.4	4010.7	4145.8	4601.0	5056.1	7051.4	9047.1	11467.3	13887.5	14910.4
3620.4	47.5°	3673.4	3776.9	3951.2	4356.4	4761.5	6937.4	9113.3	12118.6	15123.9	16563.9
3435.3	50°	3482.3	3602.6	3831.8	4193.9	4556.1	6813.1	9070.0	12722.9	16375.8	18546.5
3293.4	52.5°	3339.9	3508.0	3771.5	4086.9	4402.6	6603.1	8803.8	13115.3	17426.6	20629.2
3190.7	55°	3264.2	3517.5	3762.6	4009.4	4256.1	6255.0	8253.8	13028.8	17803.6	22475.6
3111.8	57.5°	3218.8	3526.9	3743.1	3917.5	4091.8	5764.2	7436.3	12420.2	17404.4	23784.2
3037.5	60°	3176.1	3497.2	3639.9	3776.9	3913.9	5126.9	6339.8	11287.5	16235.2	24111.2
2952.9	62.5°	3126.4	3424.2	3441.8	3532.6	3623.7	4364.2	5104.7	9756.0	14407.2	22734.3
2837.2	65°	3021.5	3248.6	3246.4	3289.4	3332.3	3678.0	4023.7	8193.3	12363.2	20785.9
2681.0	67.5°	2834.5	2962.1	2968.0	2944.2	2920.2	3018.6	3116.7	6662.5	10208.4	18467.3
2488.0	70°	2597.2	2639.1	2639.1	2528.0	2416.7	2388.9	2360.7	5245.8	8130.9	15937.4
2258.0	72.5°	2332.9	2332.4	2305.9	2148.3	1990.5	1905.6	1821.0	4010.4	6199.8	13194.8
1975.4	75°	2032.9	2043.2	1921.0	1744.3	1567.5	1490.8	1414.0	2910.7	4407.4	10050.8
1686.2	77.5°	1732.4	1737.8	1536.4	1364.8	1193.2	1140.8	1088.6	1972.4	2856.1	7034.7
1351.0	80°	1389.7	1390.5	1150.0	1004.8	859.4	837.8	816.2	1270.8	1725.6	4532.3
1003.2	82.5°	1022.1	1010.8	805.4	698.4	591.3	587.0	583.2	781.6	980.5	2623.2
652.7	85°	673.0	658.1	505.4	427.0	348.6	350.8	352.7	417.8	483.2	1180.0
289.2	87.5°	297.3	278.4	214.9	182.7	150.8	152.7	154.6	173.2	191.9	386.5
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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**CANDELA DISTRIBUTION (continued):**

270°		275°	280°	285°	290°	295°	300°	305°	310°	315°	320°
7043.1	0°	7043.1	7043.1	7043.1	7043.1	7043.1	7043.1	7043.1	7043.1	7043.1	7043.1
7574.1	2.5°	7602.8	7631.7	7672.5	7713.3	7737.6	7762.0	7774.1	7786.3	7780.9	7786.3
8144.4	5°	8244.6	8345.2	8444.6	8544.4	8598.4	8652.5	8685.2	8718.1	8743.0	8718.1
8717.3	7.5°	8880.6	9043.5	9190.3	9337.0	9425.4	9513.8	9561.6	9609.2	9632.2	9609.2
9156.5	10°	9349.5	9542.4	9714.6	9886.8	9991.1	10094.9	10141.3	10187.6	10205.1	10187.6
9425.4	12.5°	9634.6	9843.5	9999.2	10154.3	10230.0	10305.7	10331.1	10356.5	10359.2	10356.5
9588.9	15°	9769.5	9949.7	10047.3	10145.1	10147.8	10150.5	10123.5	10096.5	10064.6	10096.5
9680.8	17.5°	9802.7	9924.6	9926.5	9928.1	9818.7	9709.2	9608.9	9508.4	9437.6	9508.4
9782.2	20°	9824.6	9867.3	9738.9	9610.6	9368.9	9127.3	8951.4	8775.4	8667.3	8775.4
9899.7	22.5°	9844.1	9788.4	9522.4	9256.5	8901.1	8545.7	8325.7	8105.7	7986.3	8105.7
10051.1	25°	9875.4	9699.7	9296.0	8892.2	8460.6	8029.0	7797.6	7566.8	7453.9	7566.8
10256.5	27.5°	9942.4	9628.1	9093.3	8558.7	8080.3	7602.0	7374.4	7147.1	7040.4	7147.1
10533.5	30°	10065.1	9597.0	8938.7	8280.3	7782.0	7283.6	7072.5	6861.4	6762.0	6861.4
10860.5	32.5°	10219.2	9578.1	8833.3	8088.4	7620.1	7151.7	6986.0	6820.1	6748.5	6820.1
11257.8	35°	10473.0	9688.4	8912.2	8136.3	7810.9	7485.7	7447.1	7408.4	7402.5	7408.4
11926.7	37.5°	11003.5	10080.3	9374.9	8669.5	8648.4	8627.3	8804.1	8980.8	9072.7	8980.8
12937.5	40°	11933.5	10929.4	10404.9	9880.3	10250.5	10620.8	11050.5	11480.2	11694.3	11480.2
14278.0	42.5°	13281.8	12285.6	11983.5	11681.3	12488.9	13296.4	14078.0	14859.6	15318.5	14859.6
15933.4	45°	15038.5	14143.4	14010.2	13876.7	15170.4	16464.4	17748.7	19033.3	19813.0	19033.3
18003.6	47.5°	17133.1	16262.3	16235.2	16208.2	18074.6	19940.5	21820.8	23700.7	24804.7	23700.7
20717.0	50°	19641.6	18566.5	18571.1	18575.7	20981.1	23386.4	25868.2	28350.0	29850.5	28350.0
23831.8	52.5°	22529.7	21227.8	21096.2	20964.3	23837.5	26710.6	29781.4	32851.8	34650.4	32851.8
27147.9	55°	25861.5	24575.0	24061.8	23548.6	26746.3	29943.8	33604.5	37265.2	39404.3	37265.2
30164.1	57.5°	29463.5	28762.7	27733.3	26704.1	29933.0	33161.8	37308.2	41454.3	44106.9	41454.3
31987.0	60°	33075.1	34163.4	32885.1	31606.7	34662.3	37717.9	42157.2	46596.6	49463.5	46596.6
31061.3	62.5°	34034.5	37007.7	36863.6	36719.3	39518.4	42317.8	46541.4	50764.8	53414.8	50764.8
29208.7	65°	31999.1	34789.6	35341.8	35893.6	39450.8	43008.3	47103.9	51199.2	53455.3	51199.2
26726.3	67.5°	29380.3	32034.3	32293.2	32551.8	36258.2	39964.3	44077.5	48190.6	49958.1	48190.6
23744.0	70°	26630.6	29517.6	29633.3	29749.2	33063.7	36377.9	39917.6	43456.9	44439.3	43456.9
20190.0	72.5°	23502.6	26815.5	26898.7	26981.7	29574.9	32168.1	34819.1	37469.8	37569.3	37469.8
15694.2	75°	19122.7	22551.3	22859.1	23166.9	25184.5	27202.0	29068.1	30934.3	30434.3	30934.3
11213.2	77.5°	14413.7	17614.4	18054.9	18495.4	20029.2	21562.9	22886.4	24210.2	23350.7	24210.2
7339.0	80°	10031.6	12724.0	13271.5	13819.1	14977.4	16135.2	16830.4	17525.2	16142.8	17525.2
4266.1	82.5°	6106.9	7947.9	8559.5	9171.4	9968.7	10765.9	11055.9	11345.6	10259.2	11345.6
1877.0	85°	2854.0	3831.0	4351.2	4871.5	5526.6	6181.5	6346.0	6510.6	5640.4	6510.6
581.1	87.5°	909.4	1237.8	1528.1	1818.3	2145.9	2473.4	2487.5	2501.3	2099.9	2501.3
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):**

325°		330°	335°	340°	345°	350°	355°	360°
7043.1	0°	7043.1	7043.1	7043.1	7043.1	7043.1	7043.1	7043.1
7774.1	2.5°	7762.0	7737.6	7713.3	7672.5	7631.7	7602.8	7574.1
8685.2	5°	8652.5	8598.4	8544.4	8444.6	8345.2	8244.6	8144.4
9561.6	7.5°	9513.8	9425.4	9337.0	9190.3	9043.5	8880.6	8717.3
10141.3	10°	10094.9	9991.1	9886.8	9714.6	9542.4	9349.5	9156.5
10331.1	12.5°	10305.7	10230.0	10154.3	9999.2	9843.5	9634.6	9425.4
10123.5	15°	10150.5	10147.8	10145.1	10047.3	9949.7	9769.5	9588.9
9608.9	17.5°	9709.2	9818.7	9928.1	9926.5	9924.6	9802.7	9680.8
8951.4	20°	9127.3	9368.9	9610.6	9738.9	9867.3	9824.6	9782.2
8325.7	22.5°	8545.7	8901.1	9256.5	9522.4	9788.4	9844.1	9899.7
7797.6	25°	8029.0	8460.6	8892.2	9296.0	9699.7	9875.4	10051.1
7374.4	27.5°	7602.0	8080.3	8558.7	9093.3	9628.1	9942.4	10256.5
7072.5	30°	7283.6	7782.0	8280.3	8938.7	9597.0	10065.1	10533.5
6986.0	32.5°	7151.7	7620.1	8088.4	8833.3	9578.1	10219.2	10860.5
7447.1	35°	7485.7	7810.9	8136.3	8912.2	9688.4	10473.0	11257.8
8804.1	37.5°	8627.3	8648.4	8669.5	9374.9	10080.3	11003.5	11926.7
11050.5	40°	10620.8	10250.5	9880.3	10404.9	10929.4	11933.5	12937.5
14078.0	42.5°	13296.4	12488.9	11681.3	11983.5	12285.6	13281.8	14278.0
17748.7	45°	16464.4	15170.4	13876.7	14010.2	14143.4	15038.5	15933.4
21820.8	47.5°	19940.5	18074.6	16208.2	16235.2	16262.3	17133.1	18003.6
25868.2	50°	23386.4	20981.1	18575.7	18571.1	18566.5	19641.6	20717.0
29781.4	52.5°	26710.6	23837.5	20964.3	21096.2	21227.8	22529.7	23831.8
33604.5	55°	29943.8	26746.3	23548.6	24061.8	24575.0	25861.5	27147.9
37308.2	57.5°	33161.8	29933.0	26704.1	27733.3	28762.7	29463.5	30164.1
42157.2	60°	37717.9	34662.3	31606.7	32885.1	34163.4	33075.1	31987.0
46541.4	62.5°	42317.8	39518.4	36719.3	36863.6	37007.7	34034.5	31061.3
47103.9	65°	43008.3	39450.8	35893.6	35341.8	34789.6	31999.1	29208.7
44077.5	67.5°	39964.3	36258.2	32551.8	32293.2	32034.3	29380.3	26726.3
39917.6	70°	36377.9	33063.7	29749.2	29633.3	29517.6	26630.6	23744.0
34819.1	72.5°	32168.1	29574.9	26981.7	26898.7	26815.5	23502.6	20190.0
29068.1	75°	27202.0	25184.5	23166.9	22859.1	22551.3	19122.7	15694.2
22886.4	77.5°	21562.9	20029.2	18495.4	18054.9	17614.4	14413.7	11213.2
16830.4	80°	16135.2	14977.4	13819.1	13271.5	12724.0	10031.6	7339.0
11055.9	82.5°	10765.9	9968.7	9171.4	8559.5	7947.9	6106.9	4266.1
6346.0	85°	6181.5	5526.6	4871.5	4351.2	3831.0	2854.0	1877.0
2487.5	87.5°	2473.4	2145.9	1818.3	1528.1	1237.8	909.4	581.1
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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