

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: P957211

Luminaire Tested: **GALN-SB9C-850-U-SLR**

Issue Date: 1/21/2025

**Test Information**

Test Method: LM-79-08  
Report Number: P957211  
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-SB9C-850-U-SLR  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(9) 80 CRI, 5000K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT  
ELIMINATOR RIGHT OPTICS  
Light Source: -  
Ballast/Driver: -

**Summary**

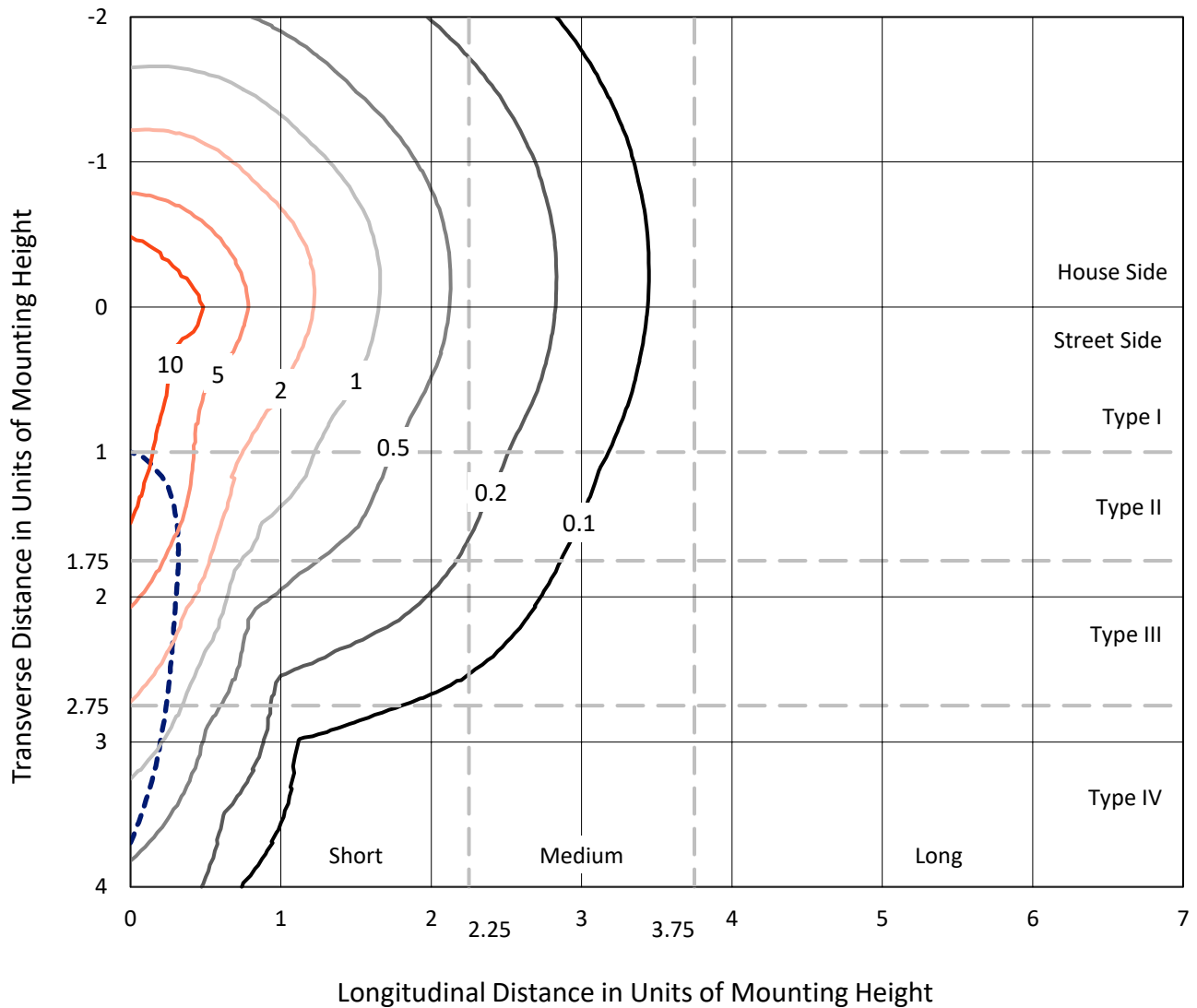
Lumens per Lamp: N/A  
Luminaire Lumens: 65014 lumens  
Efficiency: N/A  
Efficacy: 144.5 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B4 - U0 - G5  
  
Input Watts (W): 449.8  
Input Voltage (V): NR  
Input Current (Ain): 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

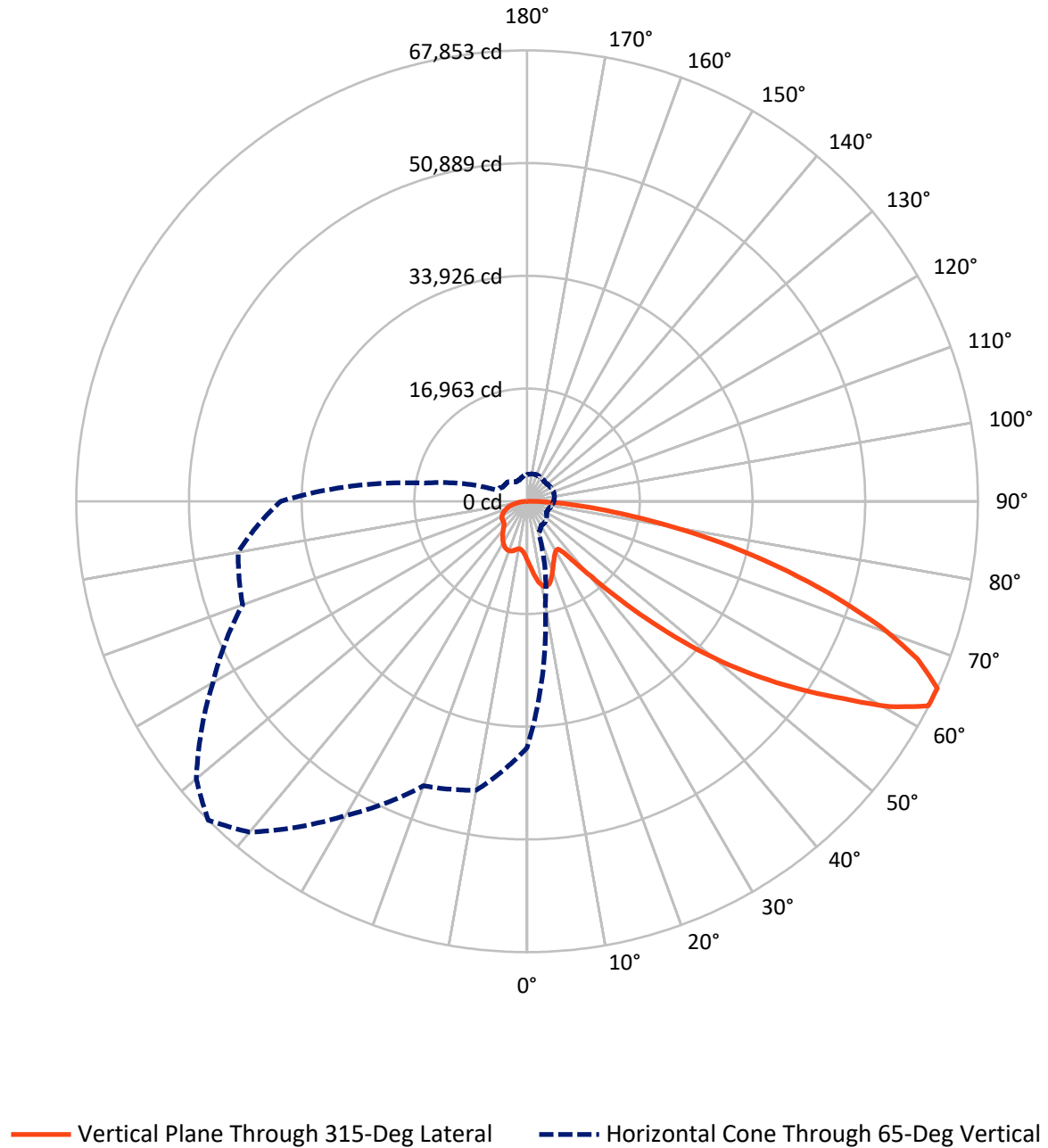
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 17.7 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	16523.3	0.0	16523.3
	% Fixture	25.4	0.0	25.4
<b>Street Side</b>	Lumens	48490.7	0.0	48490.7
	% Fixture	74.6	0.0	74.6
<b>Total</b>	Lumens	65014.0	0.0	65014.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	886.8	1.4
10°-20°	2784.0	4.3
20°-30°	4300.3	6.6
30°-40°	5449.5	8.4
40°-50°	8219.3	12.6
50°-60°	13279.4	20.4
60°-70°	16554.9	25.5
70°-80°	10855.9	16.7
80°-90°	2683.8	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°	65014.0	100.0
0°-180°	65014.0	100.0

**Coefficient of Utilization**



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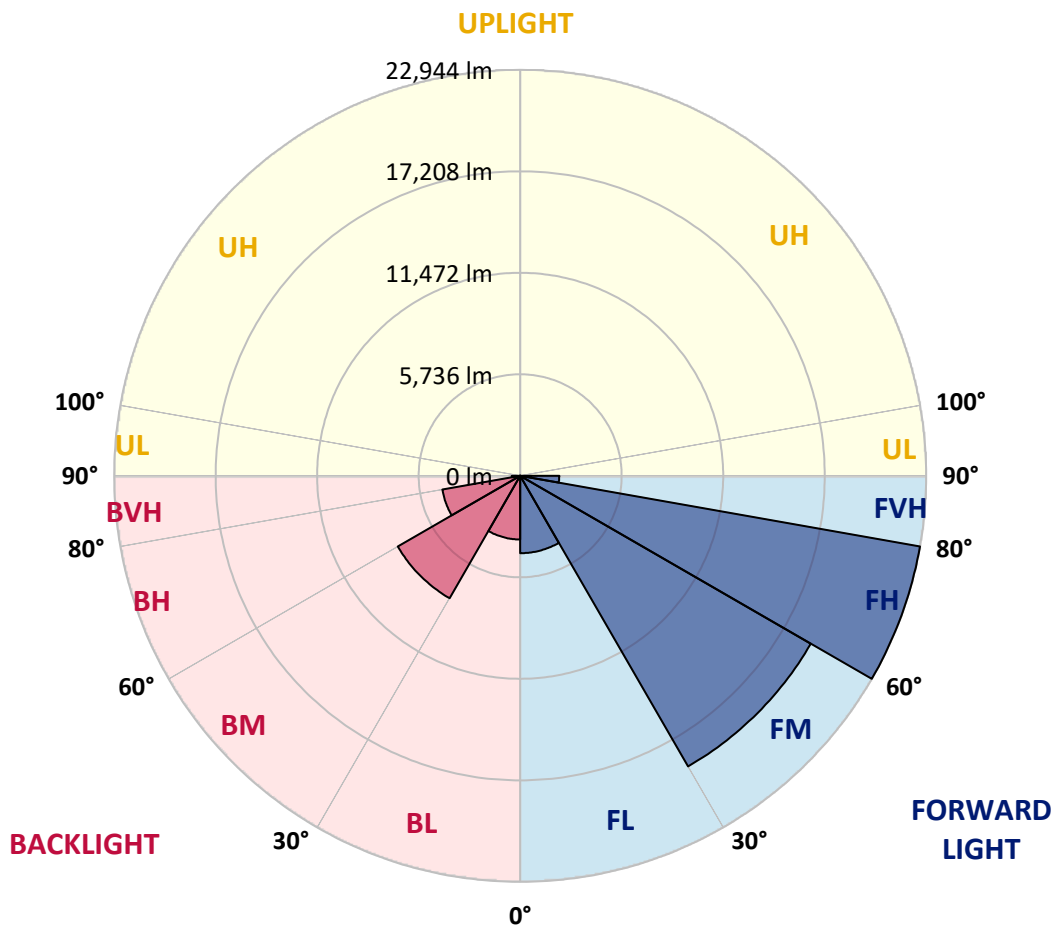
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	4372.9	6.7			
FM (30°-60°)	18963.2	29.2			
FH (60°-80°)	22943.7	35.3			G5
FVH (80°-90°)	2210.9	3.4			G5
BL (0°-30°)	3598.1	5.5	B4/5000		
BM (30°-60°)	7985.1	12.3	B4/8500		
BH (60°-80°)	4467.1	6.9	B4/5000		G4/5000
BVH (80°-90°)	472.9	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°	8940.0	8940.0	8940.0	8940.0	8940.0	8940.0	8940.0	8940.0	8940.0	8940.0
2.5°	9614.1	9540.3	9466.6	9388.0	9309.8	9230.9	9152.0	9076.5	9001.0	8928.0
5°	10337.9	10175.0	10012.0	9849.4	9687.2	9523.5	9360.2	9207.6	9054.9	8910.8
7.5°	11065.2	10796.2	10527.6	10279.3	10030.9	9789.0	9547.2	9334.2	9121.1	8924.5
10°	11622.7	11282.7	10942.7	10614.4	10286.5	9992.8	9698.8	9447.0	9194.5	8952.0
12.5°	11964.0	11590.4	11217.2	10845.3	10473.4	10127.0	9780.5	9495.4	9210.3	8955.4
15°	12171.6	11782.2	11392.8	10989.4	10586.0	10187.0	9788.0	9458.0	9128.0	8845.6
17.5°	12288.2	11893.3	11498.5	11058.3	10618.2	10155.1	9692.0	9295.0	8898.1	8566.1
20°	12416.8	12006.5	11595.9	11112.2	10628.5	10067.3	9506.0	9014.1	8522.1	8135.5
22.5°	12566.1	12146.9	11727.3	11184.9	10642.2	9959.5	9276.9	8684.4	8092.0	7651.8
25°	12758.2	12347.2	11936.6	11316.7	10696.4	9853.2	9010.3	8316.3	7622.7	7171.5
27.5°	13018.9	12627.1	12235.0	11522.5	10809.6	9782.2	8754.7	7979.8	7204.8	6794.2
30°	13370.5	12991.8	12613.4	11789.0	10964.7	9748.9	8532.4	7698.5	6864.5	6519.7
32.5°	13785.6	13410.7	13036.0	12067.3	11098.5	9707.7	8316.3	7455.9	6595.2	6317.3
35°	14289.9	13931.1	13571.9	12384.2	11196.6	9630.2	8064.5	7217.5	6370.5	6138.9
37.5°	15139.0	14681.3	14223.7	12739.3	11254.9	9497.4	7740.0	6936.9	6133.8	5931.4
40°	16422.0	15755.1	15088.2	13190.1	11291.6	9314.6	7337.9	6602.1	5866.2	5682.7
42.5°	18123.5	17160.9	16198.3	13779.8	11361.3	9125.9	6891.3	6232.6	5573.9	5404.8
45°	20224.7	18926.3	17627.8	14555.8	11483.7	8950.6	6417.9	5840.1	5262.4	5090.9
47.5°	22852.5	21025.1	19197.3	15382.5	11567.8	8805.9	6043.9	5529.7	5015.4	4794.2
50°	26296.8	23541.7	20786.3	16149.6	11512.9	8648.0	5783.2	5323.5	4863.8	4572.9
52.5°	30250.5	26185.3	22120.1	16647.7	11175.0	8381.5	5588.3	5187.7	4787.3	4452.8
55°	34459.8	28529.0	22598.7	16537.9	10476.9	7939.6	5402.4	5089.2	4776.0	4464.8
57.5°	38288.2	30190.1	22092.0	15765.4	9439.1	7316.7	5193.8	4972.6	4751.3	4476.9
60°	40602.1	30605.2	20607.9	14327.6	8047.4	6507.7	4968.1	4794.2	4620.3	4439.1
62.5°	39427.2	28857.4	18287.5	12383.6	6479.6	5539.6	4599.7	4484.1	4368.8	4346.5
65°	37075.6	26384.3	15693.0	10400.0	5107.4	4668.6	4229.9	4175.3	4120.8	4123.5
67.5°	33924.6	23441.2	12957.8	8457.0	3956.1	3831.6	3706.7	3737.2	3767.4	3759.9
70°	30139.0	20229.9	10320.8	6658.7	2996.6	3032.3	3067.6	3208.9	3349.9	3349.9
72.5°	25627.8	16748.6	7869.7	5090.6	2311.5	2418.9	2526.6	2726.9	2926.9	2960.6
75°	19921.1	12757.8	5594.5	3694.7	1794.9	1892.3	1989.7	2214.1	2438.4	2593.5
77.5°	14233.3	8929.4	3625.4	2503.6	1381.8	1448.0	1514.6	1732.4	1950.3	2205.8
80°	9315.6	5753.0	2190.4	1613.0	1036.0	1063.5	1090.9	1275.5	1459.7	1765.0
82.5°	5415.1	3329.7	1244.6	992.1	740.3	745.1	750.6	886.5	1022.3	1283.0
85°	2382.5	1497.8	613.4	530.4	447.7	445.3	442.5	542.0	641.5	835.3
87.5°	737.6	490.6	243.6	219.9	196.2	193.8	191.4	231.9	272.7	353.3
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°
8940.0	0°	8940.0	8940.0	8940.0	8940.0	8940.0	8940.0	8940.0	8940.0	8940.0	8940.0
8846.7	2.5°	8780.8	8715.3	8655.9	8596.9	8545.1	8493.3	8441.2	8389.4	8349.2	8308.8
8768.5	5°	8644.3	8519.7	8415.5	8311.5	8219.6	8127.6	8044.3	7960.6	7896.4	7831.9
8740.3	7.5°	8575.0	8410.0	8272.7	8135.5	8019.9	7904.0	7801.7	7699.8	7623.3	7547.2
8754.0	10°	8579.8	8405.5	8268.3	8131.1	8006.5	7881.7	7766.7	7651.8	7560.6	7469.0
8771.2	12.5°	8628.5	8486.5	8395.2	8304.6	8206.5	8109.1	7990.1	7871.4	7754.7	7638.1
8698.1	15°	8629.9	8561.9	8574.3	8586.6	8561.3	8535.9	8432.6	8329.3	8163.3	7997.3
8475.1	17.5°	8500.2	8524.9	8674.5	8824.0	8903.6	8982.9	8899.5	8816.5	8596.6	8376.7
8111.5	20°	8228.1	8344.8	8604.5	8864.5	9030.9	9197.3	9158.9	9120.1	8868.6	8617.5
7698.8	22.5°	7871.4	8043.9	8340.3	8637.4	8853.9	9070.3	9093.7	9116.7	8876.5	8636.4
7298.5	25°	7497.4	7696.4	7963.0	8229.9	8442.9	8655.9	8735.5	8814.8	8617.9	8421.3
6948.6	27.5°	7140.7	7332.8	7552.0	7770.9	7941.7	8112.5	8201.0	8289.9	8149.6	8009.6
6640.8	30°	6793.2	6946.2	7128.0	7309.8	7451.5	7593.5	7665.5	7737.6	7630.9	7523.9
6371.2	32.5°	6461.4	6551.6	6696.8	6842.2	6978.1	7114.3	7194.2	7274.5	7176.3	7077.9
6116.7	35°	6141.4	6166.4	6277.2	6387.7	6522.1	6657.0	6753.0	6849.1	6779.1	6709.4
5849.8	37.5°	5822.3	5794.9	5874.5	5953.7	6087.8	6222.3	6341.0	6459.7	6427.5	6395.2
5557.5	40°	5495.4	5433.3	5490.6	5547.9	5677.5	5807.2	5943.8	6080.6	6088.5	6096.1
5247.0	42.5°	5164.7	5082.3	5129.0	5176.0	5298.8	5422.0	5569.5	5717.0	5756.4	5795.9
4938.3	45°	4858.0	4778.1	4817.2	4857.0	4973.6	5090.2	5243.2	5396.2	5452.8	5509.4
4662.8	47.5°	4595.6	4528.3	4565.4	4602.1	4716.3	4830.2	4981.1	5132.1	5197.3	5262.4
4420.2	50°	4360.6	4301.2	4358.8	4416.8	4524.5	4631.9	4767.1	4902.2	4985.9	5069.7
4239.5	52.5°	4180.5	4121.8	4208.6	4295.0	4393.8	4492.3	4618.2	4744.4	4843.6	4942.7
4143.4	55°	4050.1	3957.1	4080.3	4203.1	4309.4	4415.8	4526.3	4636.4	4741.3	4846.7
4085.8	57.5°	3949.9	3814.1	3946.5	4078.9	4203.8	4328.7	4437.7	4547.2	4653.2	4758.8
4031.6	60°	3855.6	3679.3	3795.5	3911.5	4054.9	4198.3	4309.1	4420.2	4526.6	4632.9
3968.4	62.5°	3748.2	3528.3	3602.1	3675.8	3842.9	4010.3	4128.7	4247.0	4344.4	4441.9
3835.3	65°	3601.4	3367.1	3395.5	3423.7	3602.8	3782.2	3895.4	4008.6	4094.3	4180.1
3597.9	67.5°	3403.1	3208.2	3199.3	3190.4	3355.8	3521.4	3628.8	3735.9	3810.0	3884.1
3296.7	70°	3158.2	3019.6	2988.7	2957.8	3103.3	3248.7	3341.3	3434.0	3500.9	3567.8
2961.2	72.5°	2866.2	2771.2	2725.9	2681.0	2795.5	2909.8	2993.5	3077.2	3142.7	3208.2
2580.5	75°	2507.4	2434.0	2390.7	2347.2	2432.3	2517.3	2593.1	2669.0	2728.7	2788.3
2199.0	77.5°	2140.3	2081.7	2037.7	1993.8	2063.1	2132.1	2197.3	2262.4	2325.2	2387.7
1764.0	80°	1714.9	1665.5	1628.8	1591.8	1649.4	1706.7	1761.6	1816.5	1864.2	1911.5
1297.4	82.5°	1273.4	1249.4	1223.3	1197.3	1192.5	1187.7	1168.4	1149.2	1250.8	1352.3
854.2	85°	828.5	802.7	773.6	744.4	719.7	694.7	641.5	588.3	683.4	778.7
377.4	87.5°	367.1	356.8	351.3	345.8	344.8	343.7	303.3	262.4	302.2	342.4
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):**

105°		110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
8940.0	0°	8940.0	8940.0	8940.0	8940.0	8940.0	8940.0	8940.0	8940.0	8940.0	8940.0
8276.2	2.5°	8243.6	8218.2	8192.8	8169.5	8145.8	8116.7	8145.8	8169.5	8192.8	8218.2
7787.0	5°	7742.0	7710.1	7678.2	7653.9	7629.5	7605.5	7629.5	7653.9	7678.2	7710.1
7493.7	7.5°	7440.2	7403.4	7367.1	7345.1	7323.5	7307.0	7323.5	7345.1	7367.1	7403.4
7409.3	10°	7348.9	7314.3	7279.6	7261.1	7242.6	7235.0	7242.6	7261.1	7279.6	7314.3
7560.9	12.5°	7483.7	7445.0	7406.5	7390.8	7375.0	7372.2	7375.0	7390.8	7406.5	7445.0
7879.9	15°	7762.6	7708.8	7655.2	7634.7	7614.1	7612.4	7614.1	7634.7	7655.2	7708.8
8203.8	17.5°	8030.9	7951.3	7871.4	7845.3	7818.9	7814.8	7818.9	7845.3	7871.4	7951.3
8405.5	20°	8193.8	8092.0	7989.7	7957.1	7924.5	7914.3	7924.5	7957.1	7989.7	8092.0
8418.2	22.5°	8199.7	8092.3	7984.6	7948.6	7912.5	7897.1	7912.5	7948.6	7984.6	8092.3
8227.1	25°	8033.6	7940.3	7847.4	7813.4	7779.8	7759.9	7779.8	7813.4	7847.4	7940.3
7859.0	27.5°	7708.4	7646.0	7583.2	7567.8	7552.3	7547.2	7552.3	7567.8	7583.2	7646.0
7416.1	30°	7307.7	7275.8	7243.6	7243.6	7243.6	7248.7	7243.6	7243.6	7243.6	7275.8
6991.8	32.5°	6905.7	6884.7	6863.8	6866.6	6869.7	6874.8	6869.7	6866.6	6863.8	6884.7
6629.9	35°	6550.6	6518.7	6487.1	6480.3	6473.4	6470.0	6473.4	6480.3	6487.1	6518.7
6322.1	37.5°	6248.7	6190.8	6133.1	6102.6	6072.1	6054.9	6072.1	6102.6	6133.1	6190.8
6034.0	40°	5971.9	5887.5	5803.8	5746.8	5690.6	5657.0	5690.6	5746.8	5803.8	5887.5
5743.4	42.5°	5691.3	5586.6	5482.0	5399.3	5316.6	5262.4	5316.6	5399.3	5482.0	5586.6
5462.1	45°	5415.1	5295.4	5176.0	5078.9	4981.8	4919.4	4981.8	5078.9	5176.0	5295.4
5229.5	47.5°	5196.6	5090.2	4983.9	4894.0	4804.5	4744.4	4804.5	4894.0	4983.9	5090.2
5067.6	50°	5066.2	4981.1	4896.1	4813.0	4730.0	4672.4	4730.0	4813.0	4896.1	4981.1
4960.6	52.5°	4978.4	4909.1	4839.8	4765.4	4691.3	4638.1	4691.3	4765.4	4839.8	4909.1
4871.4	55°	4896.1	4835.7	4775.3	4710.1	4644.9	4596.9	4644.9	4710.1	4775.3	4835.7
4783.9	57.5°	4808.9	4747.9	4686.8	4622.3	4557.5	4507.7	4557.5	4622.3	4686.8	4747.9
4660.4	60°	4687.8	4628.1	4568.8	4502.2	4435.7	4384.2	4435.7	4502.2	4568.8	4628.1
4468.3	62.5°	4494.7	4440.8	4387.0	4317.0	4247.0	4185.3	4247.0	4317.0	4387.0	4440.8
4207.2	65°	4234.0	4182.2	4130.4	4062.4	3994.9	3941.7	3994.9	4062.4	4130.4	4182.2
3910.5	67.5°	3936.5	3888.9	3841.5	3778.4	3715.3	3667.2	3715.3	3778.4	3841.5	3888.9
3593.1	70°	3618.5	3579.8	3541.0	3480.6	3420.2	3365.4	3420.2	3480.6	3541.0	3579.8
3238.4	72.5°	3268.6	3236.4	3204.1	3146.5	3089.2	3036.0	3089.2	3146.5	3204.1	3236.4
2819.9	75°	2851.5	2835.7	2819.9	2771.5	2723.2	2672.4	2723.2	2771.5	2819.9	2835.7
2417.2	77.5°	2446.7	2424.7	2402.1	2353.3	2304.6	2264.2	2304.6	2353.3	2402.1	2424.7
1950.6	80°	1989.7	1980.1	1970.8	1905.3	1839.5	1763.3	1839.5	1905.3	1970.8	1980.1
1418.9	82.5°	1485.4	1481.3	1476.8	1421.6	1366.0	1317.3	1366.0	1421.6	1476.8	1481.3
861.1	85°	943.4	936.5	929.7	886.5	843.2	799.3	843.2	886.5	929.7	936.5
375.6	87.5°	408.9	400.7	391.8	369.8	347.2	325.9	347.2	369.8	391.8	400.7
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°
8940.0	0°	8940.0	8940.0	8940.0	8940.0	8940.0	8940.0	8940.0	8940.0	8940.0	8940.0
8243.6	2.5°	8276.2	8308.8	8349.2	8389.4	8441.2	8493.3	8545.1	8596.9	8655.9	8715.3
7742.0	5°	7787.0	7831.9	7896.4	7960.6	8044.3	8127.6	8219.6	8311.5	8415.5	8519.7
7440.2	7.5°	7493.7	7547.2	7623.3	7699.8	7801.7	7904.0	8019.9	8135.5	8272.7	8410.0
7348.9	10°	7409.3	7469.0	7560.6	7651.8	7766.7	7881.7	8006.5	8131.1	8268.3	8405.5
7483.7	12.5°	7560.9	7638.1	7754.7	7871.4	7990.1	8109.1	8206.5	8304.6	8395.2	8486.5
7762.6	15°	7879.9	7997.3	8163.3	8329.3	8432.6	8535.9	8561.3	8586.6	8574.3	8561.9
8030.9	17.5°	8203.8	8376.7	8596.6	8816.5	8899.5	8982.9	8903.6	8824.0	8674.5	8524.9
8193.8	20°	8405.5	8617.5	8868.6	9120.1	9158.9	9197.3	9030.9	8864.5	8604.5	8344.8
8199.7	22.5°	8418.2	8636.4	8876.5	9116.7	9093.7	9070.3	8853.9	8637.4	8340.3	8043.9
8033.6	25°	8227.1	8421.3	8617.9	8814.8	8735.5	8655.9	8442.9	8229.9	7963.0	7696.4
7708.4	27.5°	7859.0	8009.6	8149.6	8289.9	8201.0	8112.5	7941.7	7770.9	7552.0	7332.8
7307.7	30°	7416.1	7523.9	7630.9	7737.6	7665.5	7593.5	7451.5	7309.8	7128.0	6946.2
6905.7	32.5°	6991.8	7077.9	7176.3	7274.5	7194.2	7114.3	6978.1	6842.2	6696.8	6551.6
6550.6	35°	6629.9	6709.4	6779.1	6849.1	6753.0	6657.0	6522.1	6387.7	6277.2	6166.4
6248.7	37.5°	6322.1	6395.2	6427.5	6459.7	6341.0	6222.3	6087.8	5953.7	5874.5	5794.9
5971.9	40°	6034.0	6096.1	6088.5	6080.6	5943.8	5807.2	5677.5	5547.9	5490.6	5433.3
5691.3	42.5°	5743.4	5795.9	5756.4	5717.0	5569.5	5422.0	5298.8	5176.0	5129.0	5082.3
5415.1	45°	5462.1	5509.4	5452.8	5396.2	5243.2	5090.2	4973.6	4857.0	4817.2	4778.1
5196.6	47.5°	5229.5	5262.4	5197.3	5132.1	4981.1	4830.2	4716.3	4602.1	4565.4	4528.3
5066.2	50°	5067.6	5069.7	4985.9	4902.2	4767.1	4631.9	4524.5	4416.8	4358.8	4301.2
4978.4	52.5°	4960.6	4942.7	4843.6	4744.4	4618.2	4492.3	4393.8	4295.0	4208.6	4121.8
4896.1	55°	4871.4	4846.7	4741.3	4636.4	4526.3	4415.8	4309.4	4203.1	4080.3	3957.1
4808.9	57.5°	4783.9	4758.8	4653.2	4547.2	4437.7	4328.7	4203.8	4078.9	3946.5	3814.1
4687.8	60°	4660.4	4632.9	4526.6	4420.2	4309.1	4198.3	4054.9	3911.5	3795.5	3679.3
4494.7	62.5°	4468.3	4441.9	4344.4	4247.0	4128.7	4010.3	3842.9	3675.8	3602.1	3528.3
4234.0	65°	4207.2	4180.1	4094.3	4008.6	3895.4	3782.2	3602.8	3423.7	3395.5	3367.1
3936.5	67.5°	3910.5	3884.1	3810.0	3735.9	3628.8	3521.4	3355.8	3190.4	3199.3	3208.2
3618.5	70°	3593.1	3567.8	3500.9	3434.0	3341.3	3248.7	3103.3	2957.8	2988.7	3019.6
3268.6	72.5°	3238.4	3208.2	3142.7	3077.2	2993.5	2909.8	2795.5	2681.0	2725.9	2771.2
2851.5	75°	2819.9	2788.3	2728.7	2669.0	2593.1	2517.3	2432.3	2347.2	2390.7	2434.0
2446.7	77.5°	2417.2	2387.7	2325.2	2262.4	2197.3	2132.1	2063.1	1993.8	2037.7	2081.7
1989.7	80°	1950.6	1911.5	1864.2	1816.5	1761.6	1706.7	1649.4	1591.8	1628.8	1665.5
1485.4	82.5°	1418.9	1352.3	1250.8	1149.2	1168.4	1187.7	1192.5	1197.3	1223.3	1249.4
943.4	85°	861.1	778.7	683.4	588.3	641.5	694.7	719.7	744.4	773.6	802.7
408.9	87.5°	375.6	342.4	302.2	262.4	303.3	343.7	344.8	345.8	351.3	356.8
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):**

215°		220°	225°	230°	235°	240°	245°	250°	255°	260°	265°
8940.0	0°	8940.0	8940.0	8940.0	8940.0	8940.0	8940.0	8940.0	8940.0	8940.0	8940.0
8780.8	2.5°	8846.7	8928.0	9001.0	9076.5	9152.0	9230.9	9309.8	9388.0	9466.6	9540.3
8644.3	5°	8768.5	8910.8	9054.9	9207.6	9360.2	9523.5	9687.2	9849.4	10012.0	10175.0
8575.0	7.5°	8740.3	8924.5	9121.1	9334.2	9547.2	9789.0	10030.9	10279.3	10527.6	10796.2
8579.8	10°	8754.0	8952.0	9194.5	9447.0	9698.8	9992.8	10286.5	10614.4	10942.7	11282.7
8628.5	12.5°	8771.2	8955.4	9210.3	9495.4	9780.5	10127.0	10473.4	10845.3	11217.2	11590.4
8629.9	15°	8698.1	8845.6	9128.0	9458.0	9788.0	10187.0	10586.0	10989.4	11392.8	11782.2
8500.2	17.5°	8475.1	8566.1	8898.1	9295.0	9692.0	10155.1	10618.2	11058.3	11498.5	11893.3
8228.1	20°	8111.5	8135.5	8522.1	9014.1	9506.0	10067.3	10628.5	11112.2	11595.9	12006.5
7871.4	22.5°	7698.8	7651.8	8092.0	8684.4	9276.9	9959.5	10642.2	11184.9	11727.3	12146.9
7497.4	25°	7298.5	7171.5	7622.7	8316.3	9010.3	9853.2	10696.4	11316.7	11936.6	12347.2
7140.7	27.5°	6948.6	6794.2	7204.8	7979.8	8754.7	9782.2	10809.6	11522.5	12235.0	12627.1
6793.2	30°	6640.8	6519.7	6864.5	7698.5	8532.4	9748.9	10964.7	11789.0	12613.4	12991.8
6461.4	32.5°	6371.2	6317.3	6595.2	7455.9	8316.3	9707.7	11098.5	12067.3	13036.0	13410.7
6141.4	35°	6116.7	6138.9	6370.5	7217.5	8064.5	9630.2	11196.6	12384.2	13571.9	13931.1
5822.3	37.5°	5849.8	5931.4	6133.8	6936.9	7740.0	9497.4	11254.9	12739.3	14223.7	14681.3
5495.4	40°	5557.5	5682.7	5866.2	6602.1	7337.9	9314.6	11291.6	13190.1	15088.2	15755.1
5164.7	42.5°	5247.0	5404.8	5573.9	6232.6	6891.3	9125.9	11361.3	13779.8	16198.3	17160.9
4858.0	45°	4938.3	5090.9	5262.4	5840.1	6417.9	8950.6	11483.7	14555.8	17627.8	18926.3
4595.6	47.5°	4662.8	4794.2	5015.4	5529.7	6043.9	8805.9	11567.8	15382.5	19197.3	21025.1
4360.6	50°	4420.2	4572.9	4863.8	5323.5	5783.2	8648.0	11512.9	16149.6	20786.3	23541.7
4180.5	52.5°	4239.5	4452.8	4787.3	5187.7	5588.3	8381.5	11175.0	16647.7	22120.1	26185.3
4050.1	55°	4143.4	4464.8	4776.0	5089.2	5402.4	7939.6	10476.9	16537.9	22598.7	28529.0
3949.9	57.5°	4085.8	4476.9	4751.3	4972.6	5193.8	7316.7	9439.1	15765.4	22092.0	30190.1
3855.6	60°	4031.6	4439.1	4620.3	4794.2	4968.1	6507.7	8047.4	14327.6	20607.9	30605.2
3748.2	62.5°	3968.4	4346.5	4368.8	4484.1	4599.7	5539.6	6479.6	12383.6	18287.5	28857.4
3601.4	65°	3835.3	4123.5	4120.8	4175.3	4229.9	4668.6	5107.4	10400.0	15693.0	26384.3
3403.1	67.5°	3597.9	3759.9	3767.4	3737.2	3706.7	3831.6	3956.1	8457.0	12957.8	23441.2
3158.2	70°	3296.7	3349.9	3349.9	3208.9	3067.6	3032.3	2996.6	6658.7	10320.8	20229.9
2866.2	72.5°	2961.2	2960.6	2926.9	2726.9	2526.6	2418.9	2311.5	5090.6	7869.7	16748.6
2507.4	75°	2580.5	2593.5	2438.4	2214.1	1989.7	1892.3	1794.9	3694.7	5594.5	12757.8
2140.3	77.5°	2199.0	2205.8	1950.3	1732.4	1514.6	1448.0	1381.8	2503.6	3625.4	8929.4
1714.9	80°	1764.0	1765.0	1459.7	1275.5	1090.9	1063.5	1036.0	1613.0	2190.4	5753.0
1273.4	82.5°	1297.4	1283.0	1022.3	886.5	750.6	745.1	740.3	992.1	1244.6	3329.7
828.5	85°	854.2	835.3	641.5	542.0	442.5	445.3	447.7	530.4	613.4	1497.8
367.1	87.5°	377.4	353.3	272.7	231.9	191.4	193.8	196.2	219.9	243.6	490.6
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):**

270°		275°	280°	285°	290°	295°	300°	305°	310°	315°	320°
8940.0	0°	8940.0	8940.0	8940.0	8940.0	8940.0	8940.0	8940.0	8940.0	8940.0	8940.0
9614.1	2.5°	9650.4	9687.2	9739.0	9790.8	9821.6	9852.5	9867.9	9883.4	9876.5	9883.4
10337.9	5°	10465.2	10592.8	10719.1	10845.6	10914.3	10982.9	11024.4	11066.2	11097.8	11066.2
11065.2	7.5°	11272.4	11479.3	11665.5	11851.8	11964.0	12076.2	12136.9	12197.3	12226.4	12197.3
11622.7	10°	11867.6	12112.5	12331.1	12549.6	12682.0	12813.7	12872.8	12931.4	12953.7	12931.4
11964.0	12.5°	12229.5	12494.7	12692.3	12889.2	12985.3	13081.3	13113.6	13145.8	13149.3	13145.8
12171.6	15°	12400.7	12629.5	12753.4	12877.6	12881.0	12884.4	12850.1	12815.8	12775.3	12815.8
12288.2	17.5°	12442.9	12597.6	12600.0	12602.1	12463.1	12324.2	12196.9	12069.3	11979.4	12069.3
12416.8	20°	12470.7	12524.9	12361.9	12199.0	11892.3	11585.6	11362.3	11139.0	11001.7	11139.0
12566.1	22.5°	12495.4	12424.7	12087.2	11749.6	11298.5	10847.4	10568.1	10288.9	10137.2	10288.9
12758.2	25°	12535.2	12312.2	11799.7	11287.2	10739.3	10191.4	9897.8	9604.8	9461.4	9604.8
13018.9	27.5°	12620.3	12221.3	11542.4	10863.8	10256.6	9649.4	9360.6	9072.1	8936.6	9072.1
13370.5	30°	12776.0	12181.8	11346.2	10510.5	9877.9	9245.3	8977.4	8709.5	8583.2	8709.5
13785.6	32.5°	12971.6	12157.8	11212.4	10266.9	9672.4	9077.9	8867.6	8657.0	8566.1	8657.0
14289.9	35°	13293.7	12297.8	11312.5	10327.6	9914.6	9501.9	9452.9	9403.8	9396.2	9403.8
15139.0	37.5°	13967.1	12795.2	11899.9	11004.5	10977.7	10951.0	11175.3	11399.7	11516.3	11399.7
16422.0	40°	15147.5	13873.1	13207.2	12541.4	13011.3	13481.3	14026.8	14572.2	14843.9	14572.2
18123.5	42.5°	16859.0	15594.5	15211.0	14827.5	15852.5	16877.6	17869.7	18861.8	19444.3	18861.8
20224.7	45°	19088.9	17952.7	17783.6	17614.1	19256.3	20898.8	22529.0	24159.6	25149.3	24159.6
22852.5	47.5°	21747.6	20642.2	20607.9	20573.6	22942.8	25311.2	27697.8	30084.1	31485.5	30084.1
26296.8	50°	24931.8	23567.1	23572.9	23578.8	26632.0	29685.1	32835.4	35985.7	37890.3	35985.7
30250.5	52.5°	28597.7	26945.2	26778.1	26610.7	30257.7	33904.7	37802.5	41699.9	43982.9	41699.9
34459.8	55°	32826.8	31193.9	30542.4	29891.0	33950.0	38008.7	42655.3	47302.0	50017.3	47302.0
38288.2	57.5°	37399.1	36509.5	35202.8	33896.5	37994.9	42093.4	47356.5	52619.3	55986.4	52619.3
40602.1	60°	41983.3	43364.8	41742.1	40119.5	43998.0	47876.6	53511.6	59146.6	62785.7	59146.6
39427.2	62.5°	43201.1	46975.1	46792.2	46609.0	50162.0	53715.4	59076.6	64437.5	67801.2	64437.5
37075.6	65°	40617.6	44159.6	44860.5	45561.0	50076.3	54591.9	59790.5	64988.8	67852.6	64988.8
33924.6	67.5°	37293.4	40662.2	40990.8	41319.1	46023.8	50728.1	55949.0	61169.9	63413.5	61169.9
30139.0	70°	33803.2	37467.7	37614.5	37761.7	41968.9	46175.7	50668.7	55161.4	56408.4	55161.4
25627.8	72.5°	29832.7	34037.8	34143.5	34248.8	37540.4	40832.0	44197.0	47561.7	47687.9	47561.7
19921.1	75°	24273.1	28625.1	29015.8	29406.6	31967.5	34528.4	36897.2	39266.0	38631.3	39266.0
14233.3	77.5°	18295.8	22358.5	22917.7	23476.9	25423.7	27370.6	29050.5	30730.8	29639.9	30730.8
9315.6	80°	12733.5	16151.0	16846.0	17541.0	19011.4	20481.0	21363.3	22245.3	20490.6	22245.3
5415.1	82.5°	7751.6	10088.5	10864.9	11641.5	12653.5	13665.6	14033.6	14401.4	13022.3	14401.4
2382.5	85°	3622.6	4862.8	5523.2	6183.5	7015.1	7846.3	8055.2	8264.2	7159.5	8264.2
737.6	87.5°	1154.4	1571.2	1939.6	2308.1	2723.8	3139.6	3157.5	3175.0	2665.5	3175.0
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):**

325°		330°	335°	340°	345°	350°	355°	360°
8940.0	0°	8940.0	8940.0	8940.0	8940.0	8940.0	8940.0	8940.0
9867.9	2.5°	9852.5	9821.6	9790.8	9739.0	9687.2	9650.4	9614.1
11024.4	5°	10982.9	10914.3	10845.6	10719.1	10592.8	10465.2	10337.9
12136.9	7.5°	12076.2	11964.0	11851.8	11665.5	11479.3	11272.4	11065.2
12872.8	10°	12813.7	12682.0	12549.6	12331.1	12112.5	11867.6	11622.7
13113.6	12.5°	13081.3	12985.3	12889.2	12692.3	12494.7	12229.5	11964.0
12850.1	15°	12884.4	12881.0	12877.6	12753.4	12629.5	12400.7	12171.6
12196.9	17.5°	12324.2	12463.1	12602.1	12600.0	12597.6	12442.9	12288.2
11362.3	20°	11585.6	11892.3	12199.0	12361.9	12524.9	12470.7	12416.8
10568.1	22.5°	10847.4	11298.5	11749.6	12087.2	12424.7	12495.4	12566.1
9897.8	25°	10191.4	10739.3	11287.2	11799.7	12312.2	12535.2	12758.2
9360.6	27.5°	9649.4	10256.6	10863.8	11542.4	12221.3	12620.3	13018.9
8977.4	30°	9245.3	9877.9	10510.5	11346.2	12181.8	12776.0	13370.5
8867.6	32.5°	9077.9	9672.4	10266.9	11212.4	12157.8	12971.6	13785.6
9452.9	35°	9501.9	9914.6	10327.6	11312.5	12297.8	13293.7	14289.9
11175.3	37.5°	10951.0	10977.7	11004.5	11899.9	12795.2	13967.1	15139.0
14026.8	40°	13481.3	13011.3	12541.4	13207.2	13873.1	15147.5	16422.0
17869.7	42.5°	16877.6	15852.5	14827.5	15211.0	15594.5	16859.0	18123.5
22529.0	45°	20898.8	19256.3	17614.1	17783.6	17952.7	19088.9	20224.7
27697.8	47.5°	25311.2	22942.8	20573.6	20607.9	20642.2	21747.6	22852.5
32835.4	50°	29685.1	26632.0	23578.8	23572.9	23567.1	24931.8	26296.8
37802.5	52.5°	33904.7	30257.7	26610.7	26778.1	26945.2	28597.7	30250.5
42655.3	55°	38008.7	33950.0	29891.0	30542.4	31193.9	32826.8	34459.8
47356.5	57.5°	42093.4	37994.9	33896.5	35202.8	36509.5	37399.1	38288.2
53511.6	60°	47876.6	43998.0	40119.5	41742.1	43364.8	41983.3	40602.1
59076.6	62.5°	53715.4	50162.0	46609.0	46792.2	46975.1	43201.1	39427.2
59790.5	65°	54591.9	50076.3	45561.0	44860.5	44159.6	40617.6	37075.6
55949.0	67.5°	50728.1	46023.8	41319.1	40990.8	40662.2	37293.4	33924.6
50668.7	70°	46175.7	41968.9	37761.7	37614.5	37467.7	33803.2	30139.0
44197.0	72.5°	40832.0	37540.4	34248.8	34143.5	34037.8	29832.7	25627.8
36897.2	75°	34528.4	31967.5	29406.6	29015.8	28625.1	24273.1	19921.1
29050.5	77.5°	27370.6	25423.7	23476.9	22917.7	22358.5	18295.8	14233.3
21363.3	80°	20481.0	19011.4	17541.0	16846.0	16151.0	12733.5	9315.6
14033.6	82.5°	13665.6	12653.5	11641.5	10864.9	10088.5	7751.6	5415.1
8055.2	85°	7846.3	7015.1	6183.5	5523.2	4862.8	3622.6	2382.5
3157.5	87.5°	3139.6	2723.8	2308.1	1939.6	1571.2	1154.4	737.6
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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