

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: P957169

Luminaire Tested: **GALN-SB9C-835-U-SLR**

Issue Date: 1/21/2025

**Test Information**

Test Method: LM-79-08  
Report Number: P957169  
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-835-U-SLR  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(9) 80 CRI, 3500K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT  
ELIMINATOR RIGHT OPTICS  
Light Source: -  
Ballast/Driver: -

**Summary**

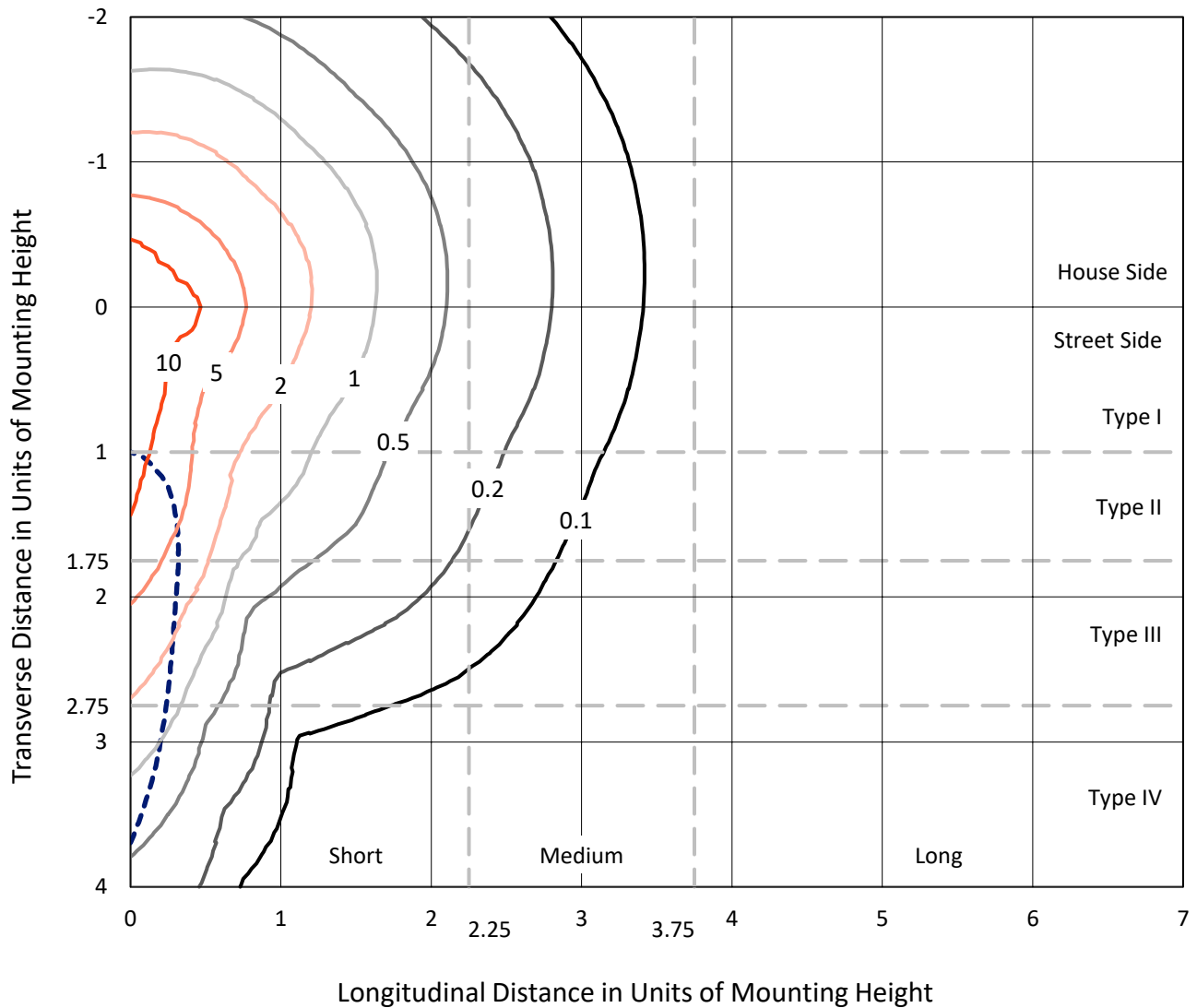
Lumens per Lamp: N/A  
Luminaire Lumens: 63044 lumens  
Efficiency: N/A  
Efficacy: 140.2 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B4 - U0 - G5  
  
Input Watts (W): 449.8  
Input Voltage (V): NR  
Input Current (Ain): 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

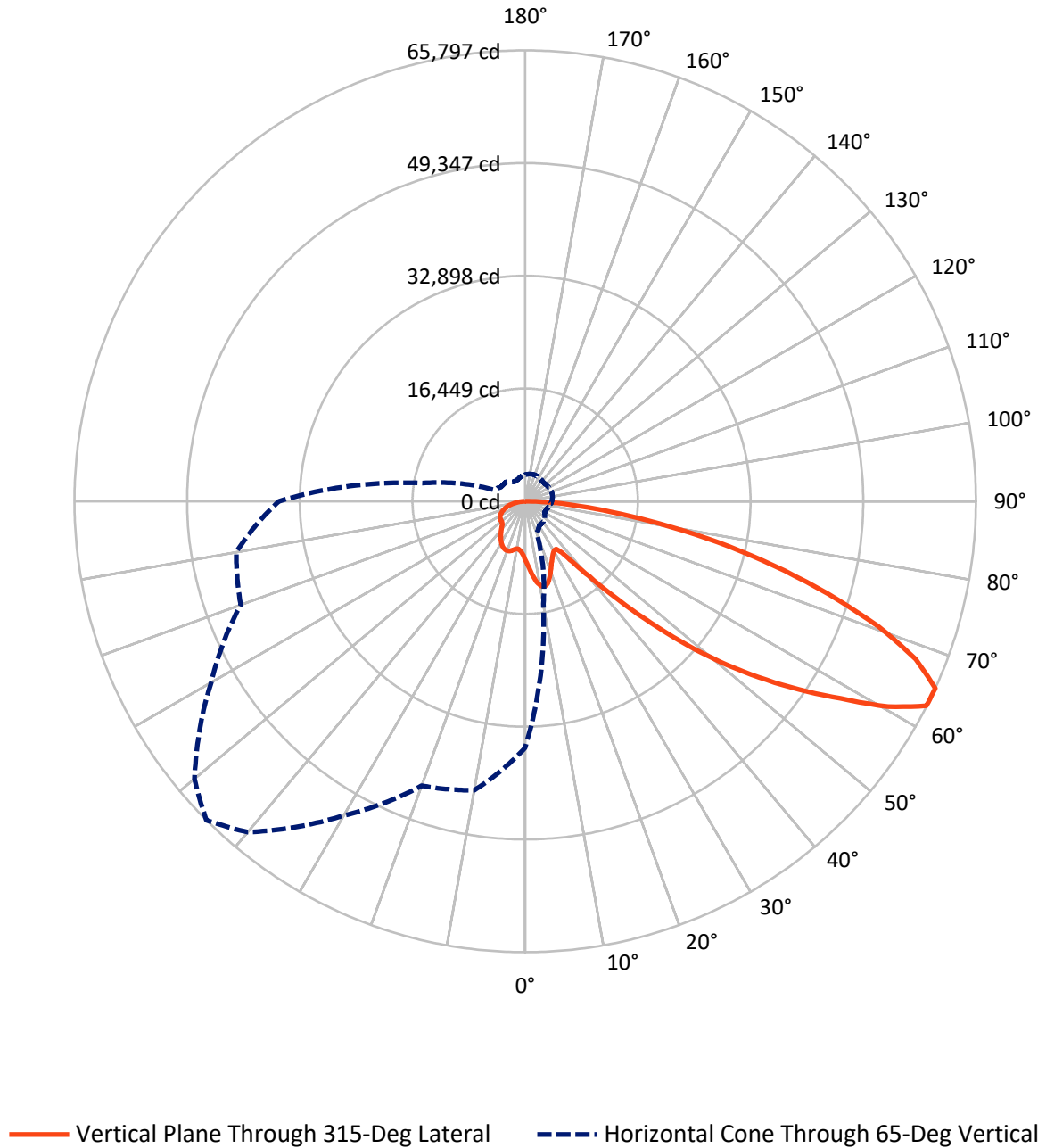
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 17.1 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	16022.6	0.0	16022.6
	% Fixture	25.4	0.0	25.4
<b>Street Side</b>	Lumens	47021.4	0.0	47021.4
	% Fixture	74.6	0.0	74.6
<b>Total</b>	Lumens	63044.0	0.0	63044.0
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	860.0	1.4
10°-20°	2699.6	4.3
20°-30°	4170.0	6.6
30°-40°	5284.4	8.4
40°-50°	7970.2	12.6
50°-60°	12877.1	20.4
60°-70°	16053.3	25.5
70°-80°	10527.0	16.7
80°-90°	2602.5	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°	63044.0	100.0
0°-180°	63044.0	100.0



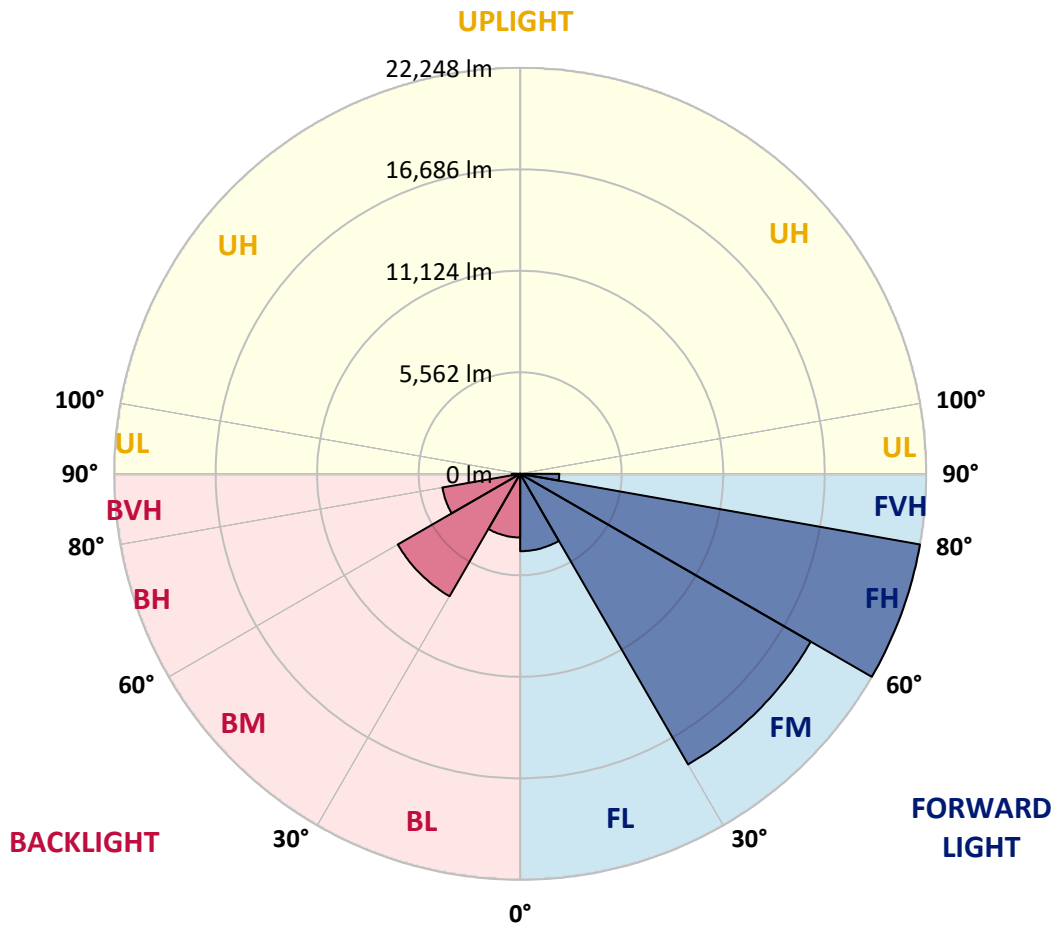
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	4240.4	6.7			
FM (30°-60°)	18388.6	29.2			
FH (60°-80°)	22248.5	35.3			G5
FVH (80°-90°)	2143.9	3.4			G5
BL (0°-30°)	3489.1	5.5	B4/5000		
BM (30°-60°)	7743.1	12.3	B4/8500		
BH (60°-80°)	4331.8	6.9	B4/5000		G4/5000
BVH (80°-90°)	458.6	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°	8669.1	8669.1	8669.1	8669.1	8669.1	8669.1	8669.1	8669.1	8669.1	8669.1
2.5°	9322.8	9251.2	9179.7	9103.5	9027.7	8951.2	8874.7	8801.5	8728.3	8657.4
5°	10024.7	9866.7	9708.7	9551.0	9393.6	9234.9	9076.6	8928.6	8780.5	8640.8
7.5°	10729.9	10469.1	10208.6	9967.8	9726.9	9492.4	9257.9	9051.3	8844.7	8654.1
10°	11270.5	10940.8	10611.2	10292.8	9974.8	9690.0	9404.9	9160.8	8915.9	8680.7
12.5°	11601.5	11239.2	10877.3	10516.7	10156.1	9820.1	9484.1	9207.7	8931.2	8684.1
15°	11802.7	11425.2	11047.6	10656.4	10265.2	9878.3	9491.4	9171.4	8851.4	8577.6
17.5°	11915.8	11533.0	11150.1	10723.3	10296.5	9847.4	9398.3	9013.4	8628.5	8306.5
20°	12040.6	11642.7	11244.5	10775.5	10306.4	9762.2	9218.0	8740.9	8263.9	7889.0
22.5°	12185.3	11778.8	11371.9	10846.0	10319.7	9657.8	8995.8	8421.3	7846.8	7420.0
25°	12371.6	11973.1	11574.9	10973.8	10372.3	9554.6	8737.3	8064.3	7391.7	6954.2
27.5°	12624.4	12244.5	11864.3	11173.3	10482.1	9485.8	8489.5	7738.0	6986.5	6588.3
30°	12965.4	12598.1	12231.2	11431.8	10632.4	9453.5	8273.9	7465.2	6656.5	6322.2
32.5°	13367.9	13004.3	12641.0	11701.6	10762.2	9413.6	8064.3	7230.0	6395.4	6125.9
35°	13856.9	13508.9	13160.7	12009.0	10857.3	9338.4	7820.1	6998.8	6177.5	5952.9
37.5°	14680.2	14236.5	13792.7	12353.3	10913.9	9209.7	7505.5	6726.7	5947.9	5751.7
40°	15924.4	15277.7	14631.0	12790.4	10949.5	9032.4	7115.6	6402.0	5688.5	5510.5
42.5°	17574.4	16640.9	15707.5	13362.2	11017.0	8849.4	6682.5	6043.7	5405.0	5241.0
45°	19611.9	18352.8	17093.7	14114.7	11135.8	8679.4	6223.4	5663.2	5103.0	4936.7
47.5°	22160.1	20388.0	18615.6	14916.4	11217.3	8539.0	5860.8	5362.1	4863.5	4648.9
50°	25500.0	22828.4	20156.5	15660.3	11164.0	8386.0	5608.0	5162.2	4716.4	4434.3
52.5°	29333.9	25391.9	21449.9	16143.3	10836.4	8127.5	5419.0	5030.5	4642.3	4317.9
55°	33415.6	27664.6	21913.9	16036.8	10159.4	7699.1	5238.7	4935.0	4631.3	4329.6
57.5°	37128.1	29275.3	21422.6	15287.7	9153.1	7095.0	5036.5	4821.9	4607.3	4341.2
60°	39371.9	29677.8	19983.5	13893.5	7803.5	6310.5	4817.6	4648.9	4480.3	4304.6
62.5°	38232.5	27982.9	17733.4	12008.3	6283.3	5371.8	4460.3	4348.2	4236.4	4214.8
65°	35952.1	25584.8	15217.5	10084.9	4952.6	4527.2	4101.7	4048.8	3995.9	3998.6
67.5°	32896.6	22730.9	12565.2	8200.7	3836.2	3715.5	3594.4	3624.0	3653.3	3645.9
70°	29225.8	19616.9	10008.0	6456.9	2905.8	2940.4	2974.6	3111.7	3248.4	3248.4
72.5°	24851.3	16241.1	7631.2	4936.3	2241.5	2345.6	2450.0	2644.3	2838.2	2870.8
75°	19317.5	12371.3	5425.0	3582.7	1740.5	1834.9	1929.4	2147.0	2364.5	2514.9
77.5°	13802.0	8658.8	3515.5	2427.7	1340.0	1404.2	1468.7	1679.9	1891.2	2139.0
80°	9033.4	5578.7	2124.0	1564.2	1004.6	1031.2	1057.9	1236.8	1415.5	1711.5
82.5°	5251.0	3228.8	1206.9	962.0	717.9	722.5	727.9	859.6	991.3	1244.1
85°	2310.3	1452.4	594.8	514.3	434.1	431.8	429.1	525.6	622.1	810.0
87.5°	715.2	475.7	236.2	213.2	190.3	188.0	185.6	224.9	264.5	342.6
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°
8669.1	0°	8669.1	8669.1	8669.1	8669.1	8669.1	8669.1	8669.1	8669.1	8669.1	8669.1
8578.6	2.5°	8514.7	8451.2	8393.7	8336.4	8286.2	8236.0	8185.4	8135.2	8096.3	8057.0
8502.8	5°	8382.3	8261.6	8160.5	8059.7	7970.5	7881.4	7800.5	7719.4	7657.1	7594.6
8475.5	7.5°	8315.1	8155.1	8022.1	7889.0	7776.9	7664.5	7565.3	7466.5	7392.3	7318.5
8488.8	10°	8319.8	8150.8	8017.7	7884.7	7763.9	7642.8	7531.4	7420.0	7331.5	7242.7
8505.4	12.5°	8367.0	8229.3	8140.8	8053.0	7957.9	7863.4	7748.0	7632.9	7519.8	7406.7
8434.6	15°	8368.4	8302.5	8314.5	8326.5	8301.8	8277.2	8177.1	8077.0	7916.0	7754.9
8218.3	17.5°	8242.6	8266.6	8411.6	8556.7	8633.8	8710.7	8629.8	8549.3	8336.1	8122.9
7865.7	20°	7978.8	8091.9	8343.8	8595.9	8757.2	8918.6	8881.3	8843.7	8599.9	8356.4
7465.5	22.5°	7632.9	7800.2	8087.6	8375.7	8585.6	8795.5	8818.1	8840.4	8607.6	8374.7
7077.3	25°	7270.3	7463.2	7721.7	7980.5	8187.1	8393.7	8470.8	8547.7	8356.7	8166.1
6738.0	27.5°	6924.3	7110.6	7323.2	7535.4	7701.1	7866.7	7952.5	8038.7	7902.6	7766.9
6439.6	30°	6587.3	6735.7	6912.0	7088.3	7225.7	7363.4	7433.3	7503.1	7399.7	7295.9
6178.1	32.5°	6265.6	6353.1	6493.8	6634.9	6766.6	6898.7	6976.2	7054.0	6958.9	6863.4
5931.3	35°	5955.3	5979.5	6087.0	6194.1	6324.5	6455.2	6548.4	6641.5	6573.7	6506.1
5672.5	37.5°	5645.9	5619.3	5696.5	5773.3	5903.4	6033.8	6148.9	6264.0	6232.7	6201.4
5389.1	40°	5328.9	5268.7	5324.2	5379.8	5505.5	5631.3	5763.6	5896.4	5904.0	5911.4
5088.0	42.5°	5008.2	4928.3	4973.6	5019.2	5138.3	5257.7	5400.7	5543.8	5582.0	5620.3
4788.6	45°	4710.8	4633.3	4671.2	4709.8	4822.9	4936.0	5084.4	5232.7	5287.6	5342.5
4521.5	47.5°	4456.3	4391.1	4427.0	4462.6	4573.4	4683.8	4830.2	4976.6	5039.8	5103.0
4286.3	50°	4228.4	4170.9	4226.8	4283.0	4387.4	4491.6	4622.6	4753.7	4834.9	4916.0
4111.0	52.5°	4053.8	3996.9	4081.1	4164.9	4260.7	4356.2	4478.3	4600.7	4696.8	4793.0
4017.9	55°	3927.4	3837.2	3956.6	4075.7	4178.9	4282.0	4389.1	4495.9	4597.7	4699.8
3962.0	57.5°	3830.2	3698.5	3826.9	3955.3	4076.4	4197.5	4303.3	4409.4	4512.2	4614.6
3909.4	60°	3738.8	3567.8	3680.5	3793.0	3932.0	4071.1	4178.5	4286.3	4389.4	4492.6
3848.2	62.5°	3634.6	3421.4	3492.9	3564.4	3726.4	3888.8	4003.6	4118.3	4212.8	4307.3
3719.1	65°	3492.3	3265.0	3292.7	3319.9	3493.6	3667.6	3777.3	3887.1	3970.3	4053.4
3488.9	67.5°	3300.0	3111.0	3102.4	3093.7	3254.1	3414.7	3518.9	3622.7	3694.5	3766.4
3196.9	70°	3062.5	2928.1	2898.1	2868.2	3009.2	3150.3	3240.1	3329.9	3394.8	3459.7
2871.5	72.5°	2779.4	2687.2	2643.3	2599.7	2710.8	2821.6	2902.8	2984.0	3047.5	3111.0
2502.3	75°	2431.4	2360.2	2318.3	2276.1	2358.6	2441.1	2514.6	2588.1	2646.0	2703.9
2132.3	77.5°	2075.5	2018.6	1976.0	1933.4	2000.6	2067.5	2130.7	2193.9	2254.8	2315.3
1710.5	80°	1663.0	1615.1	1579.5	1543.5	1599.4	1655.0	1708.2	1761.4	1807.7	1853.6
1258.1	82.5°	1234.8	1211.5	1186.3	1161.0	1156.3	1151.7	1133.0	1114.4	1121.9	1131.3
828.3	85°	803.4	778.4	750.1	721.9	697.9	673.6	622.1	570.5	662.7	755.1
365.9	87.5°	355.9	346.0	340.6	335.3	334.3	333.3	294.1	254.5	293.1	332.0
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):**

105°		110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
8669.1	0°	8669.1	8669.1	8669.1	8669.1	8669.1	8669.1	8669.1	8669.1	8669.1	8669.1
8025.4	2.5°	7993.8	7969.2	7944.6	7921.9	7899.0	7870.7	7899.0	7921.9	7944.6	7969.2
7551.0	5°	7507.4	7476.5	7445.6	7422.0	7398.3	7375.0	7398.3	7422.0	7445.6	7476.5
7266.6	7.5°	7214.7	7179.1	7143.9	7122.6	7101.6	7085.6	7101.6	7122.6	7143.9	7179.1
7184.8	10°	7126.2	7092.6	7059.0	7041.1	7023.1	7015.8	7023.1	7041.1	7059.0	7092.6
7331.8	12.5°	7257.0	7219.4	7182.1	7166.8	7151.5	7148.8	7151.5	7166.8	7182.1	7219.4
7641.2	15°	7527.4	7475.2	7423.3	7403.3	7383.4	7381.7	7383.4	7403.3	7423.3	7475.2
7955.2	17.5°	7787.5	7710.4	7632.9	7607.6	7582.0	7578.0	7582.0	7607.6	7632.9	7710.4
8150.8	20°	7945.6	7846.8	7747.6	7716.0	7684.4	7674.4	7684.4	7716.0	7747.6	7846.8
8163.1	22.5°	7951.2	7847.1	7742.6	7707.7	7672.8	7657.8	7672.8	7707.7	7742.6	7847.1
7977.8	25°	7790.2	7699.7	7609.6	7576.6	7544.0	7524.7	7544.0	7576.6	7609.6	7699.7
7620.9	27.5°	7474.8	7414.3	7353.4	7338.5	7323.5	7318.5	7323.5	7338.5	7353.4	7414.3
7191.4	30°	7086.3	7055.4	7024.1	7024.1	7024.1	7029.1	7024.1	7024.1	7024.1	7055.4
6779.9	32.5°	6696.4	6676.1	6655.8	6658.5	6661.5	6666.5	6661.5	6658.5	6655.8	6676.1
6429.0	35°	6352.1	6321.2	6290.6	6283.9	6277.3	6273.9	6277.3	6283.9	6290.6	6321.2
6130.6	37.5°	6059.4	6003.2	5947.3	5917.7	5888.1	5871.4	5888.1	5917.7	5947.3	6003.2
5851.1	40°	5790.9	5709.1	5627.9	5572.7	5518.1	5485.5	5518.1	5572.7	5627.9	5709.1
5569.4	42.5°	5518.8	5417.4	5315.9	5235.7	5155.5	5103.0	5155.5	5235.7	5315.9	5417.4
5296.6	45°	5251.0	5134.9	5019.2	4925.0	4830.9	4770.3	4830.9	4925.0	5019.2	5134.9
5071.1	47.5°	5039.1	4936.0	4832.9	4745.7	4658.9	4600.7	4658.9	4745.7	4832.9	4936.0
4914.0	50°	4912.7	4830.2	4747.7	4667.2	4586.7	4530.8	4586.7	4667.2	4747.7	4830.2
4810.2	52.5°	4827.5	4760.3	4693.2	4621.0	4549.1	4497.5	4549.1	4621.0	4693.2	4760.3
4723.8	55°	4747.7	4689.2	4630.6	4567.4	4504.2	4457.6	4504.2	4567.4	4630.6	4689.2
4638.9	57.5°	4663.2	4604.0	4544.8	4482.2	4419.4	4371.1	4419.4	4482.2	4544.8	4604.0
4519.2	60°	4545.8	4487.9	4430.4	4365.8	4301.3	4251.4	4301.3	4365.8	4430.4	4487.9
4332.9	62.5°	4358.5	4306.3	4254.0	4186.2	4118.3	4058.4	4118.3	4186.2	4254.0	4306.3
4079.7	65°	4105.7	4055.4	4005.2	3939.3	3873.8	3822.3	3873.8	3939.3	4005.2	4055.4
3792.0	67.5°	3817.3	3771.0	3725.1	3663.9	3602.7	3556.1	3602.7	3663.9	3725.1	3771.0
3484.3	70°	3508.9	3471.3	3433.7	3375.2	3316.6	3263.4	3316.6	3375.2	3433.7	3471.3
3140.3	72.5°	3169.6	3138.3	3107.0	3051.1	2995.6	2944.0	2995.6	3051.1	3107.0	3138.3
2734.5	75°	2765.1	2749.8	2734.5	2687.6	2640.6	2591.4	2640.6	2687.6	2734.5	2749.8
2343.9	77.5°	2372.5	2351.2	2329.3	2282.0	2234.8	2195.5	2234.8	2282.0	2329.3	2351.2
1891.5	80°	1929.4	1920.1	1911.1	1847.6	1783.7	1709.9	1783.7	1847.6	1911.1	1920.1
1375.9	82.5°	1440.4	1436.4	1432.1	1378.5	1324.6	1277.4	1324.6	1378.5	1432.1	1436.4
835.0	85°	914.8	908.2	901.5	859.6	817.7	775.1	817.7	859.6	901.5	908.2
364.3	87.5°	396.5	388.5	379.9	358.6	336.7	316.0	336.7	358.6	379.9	388.5
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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 CATALOG NUMBER: GALN-SB9C-835-U-SLR

**CANDELA DISTRIBUTION (continued):**

160°		165°	170°	175°	180°	185°	190°	195°	200°	205°	210°
8669.1	0°	8669.1	8669.1	8669.1	8669.1	8669.1	8669.1	8669.1	8669.1	8669.1	8669.1
7993.8	2.5°	8025.4	8057.0	8096.3	8135.2	8185.4	8236.0	8286.2	8336.4	8393.7	8451.2
7507.4	5°	7551.0	7594.6	7657.1	7719.4	7800.5	7881.4	7970.5	8059.7	8160.5	8261.6
7214.7	7.5°	7266.6	7318.5	7392.3	7466.5	7565.3	7664.5	7776.9	7889.0	8022.1	8155.1
7126.2	10°	7184.8	7242.7	7331.5	7420.0	7531.4	7642.8	7763.9	7884.7	8017.7	8150.8
7257.0	12.5°	7331.8	7406.7	7519.8	7632.9	7748.0	7863.4	7957.9	8053.0	8140.8	8229.3
7527.4	15°	7641.2	7754.9	7916.0	8077.0	8177.1	8277.2	8301.8	8326.5	8314.5	8302.5
7787.5	17.5°	7955.2	8122.9	8336.1	8549.3	8629.8	8710.7	8633.8	8556.7	8411.6	8266.6
7945.6	20°	8150.8	8356.4	8599.9	8843.7	8881.3	8918.6	8757.2	8595.9	8343.8	8091.9
7951.2	22.5°	8163.1	8374.7	8607.6	8840.4	8818.1	8795.5	8585.6	8375.7	8087.6	7800.2
7790.2	25°	7977.8	8166.1	8356.7	8547.7	8470.8	8393.7	8187.1	7980.5	7721.7	7463.2
7474.8	27.5°	7620.9	7766.9	7902.6	8038.7	7952.5	7866.7	7701.1	7535.4	7323.2	7110.6
7086.3	30°	7191.4	7295.9	7399.7	7503.1	7433.3	7363.4	7225.7	7088.3	6912.0	6735.7
6696.4	32.5°	6779.9	6863.4	6958.9	7054.0	6976.2	6898.7	6766.6	6634.9	6493.8	6353.1
6352.1	35°	6429.0	6506.1	6573.7	6641.5	6548.4	6455.2	6324.5	6194.1	6087.0	5979.5
6059.4	37.5°	6130.6	6201.4	6232.7	6264.0	6148.9	6033.8	5903.4	5773.3	5696.5	5619.3
5790.9	40°	5851.1	5911.4	5904.0	5896.4	5763.6	5631.3	5505.5	5379.8	5324.2	5268.7
5518.8	42.5°	5569.4	5620.3	5582.0	5543.8	5400.7	5257.7	5138.3	5019.2	4973.6	4928.3
5251.0	45°	5296.6	5342.5	5287.6	5232.7	5084.4	4936.0	4822.9	4709.8	4671.2	4633.3
5039.1	47.5°	5071.1	5103.0	5039.8	4976.6	4830.2	4683.8	4573.4	4462.6	4427.0	4391.1
4912.7	50°	4914.0	4916.0	4834.9	4753.7	4622.6	4491.6	4387.4	4283.0	4226.8	4170.9
4827.5	52.5°	4810.2	4793.0	4696.8	4600.7	4478.3	4356.2	4260.7	4164.9	4081.1	3996.9
4747.7	55°	4723.8	4699.8	4597.7	4495.9	4389.1	4282.0	4178.9	4075.7	3956.6	3837.2
4663.2	57.5°	4638.9	4614.6	4512.2	4409.4	4303.3	4197.5	4076.4	3955.3	3826.9	3698.5
4545.8	60°	4519.2	4492.6	4389.4	4286.3	4178.5	4071.1	3932.0	3793.0	3680.5	3567.8
4358.5	62.5°	4332.9	4307.3	4212.8	4118.3	4003.6	3888.8	3726.4	3564.4	3492.9	3421.4
4105.7	65°	4079.7	4053.4	3970.3	3887.1	3777.3	3667.6	3493.6	3319.9	3292.7	3265.0
3817.3	67.5°	3792.0	3766.4	3694.5	3622.7	3518.9	3414.7	3254.1	3093.7	3102.4	3111.0
3508.9	70°	3484.3	3459.7	3394.8	3329.9	3240.1	3150.3	3009.2	2868.2	2898.1	2928.1
3169.6	72.5°	3140.3	3111.0	3047.5	2984.0	2902.8	2821.6	2710.8	2599.7	2643.3	2687.2
2765.1	75°	2734.5	2703.9	2646.0	2588.1	2514.6	2441.1	2358.6	2276.1	2318.3	2360.2
2372.5	77.5°	2343.9	2315.3	2254.8	2193.9	2130.7	2067.5	2000.6	1933.4	1976.0	2018.6
1929.4	80°	1891.5	1853.6	1807.7	1761.4	1708.2	1655.0	1599.4	1543.5	1579.5	1615.1
1440.4	82.5°	1375.9	1311.3	1212.9	1114.4	1133.0	1151.7	1156.3	1161.0	1186.3	1211.5
914.8	85°	835.0	755.1	662.7	570.5	622.1	673.6	697.9	721.9	750.1	778.4
396.5	87.5°	364.3	332.0	293.1	254.5	294.1	333.3	334.3	335.3	340.6	346.0
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°
8669.1	0°	8669.1	8669.1	8669.1	8669.1	8669.1	8669.1	8669.1	8669.1	8669.1	8669.1
8514.7	2.5°	8578.6	8657.4	8728.3	8801.5	8874.7	8951.2	9027.7	9103.5	9179.7	9251.2
8382.3	5°	8502.8	8640.8	8780.5	8928.6	9076.6	9234.9	9393.6	9551.0	9708.7	9866.7
8315.1	7.5°	8475.5	8654.1	8844.7	9051.3	9257.9	9492.4	9726.9	9967.8	10208.6	10469.1
8319.8	10°	8488.8	8680.7	8915.9	9160.8	9404.9	9690.0	9974.8	10292.8	10611.2	10940.8
8367.0	12.5°	8505.4	8684.1	8931.2	9207.7	9484.1	9820.1	10156.1	10516.7	10877.3	11239.2
8368.4	15°	8434.6	8577.6	8851.4	9171.4	9491.4	9878.3	10265.2	10656.4	11047.6	11425.2
8242.6	17.5°	8218.3	8306.5	8628.5	9013.4	9398.3	9847.4	10296.5	10723.3	11150.1	11533.0
7978.8	20°	7865.7	7889.0	8263.9	8740.9	9218.0	9762.2	10306.4	10775.5	11244.5	11642.7
7632.9	22.5°	7465.5	7420.0	7846.8	8421.3	8995.8	9657.8	10319.7	10846.0	11371.9	11778.8
7270.3	25°	7077.3	6954.2	7391.7	8064.3	8737.3	9554.6	10372.3	10973.8	11574.9	11973.1
6924.3	27.5°	6738.0	6588.3	6986.5	7738.0	8489.5	9485.8	10482.1	11173.3	11864.3	12244.5
6587.3	30°	6439.6	6322.2	6656.5	7465.2	8273.9	9453.5	10632.4	11431.8	12231.2	12598.1
6265.6	32.5°	6178.1	6125.9	6395.4	7230.0	8064.3	9413.6	10762.2	11701.6	12641.0	13004.3
5955.3	35°	5931.3	5952.9	6177.5	6998.8	7820.1	9338.4	10857.3	12009.0	13160.7	13508.9
5645.9	37.5°	5672.5	5751.7	5947.9	6726.7	7505.5	9209.7	10913.9	12353.3	13792.7	14236.5
5328.9	40°	5389.1	5510.5	5688.5	6402.0	7115.6	9032.4	10949.5	12790.4	14631.0	15277.7
5008.2	42.5°	5088.0	5241.0	5405.0	6043.7	6682.5	8849.4	11017.0	13362.2	15707.5	16640.9
4710.8	45°	4788.6	4936.7	5103.0	5663.2	6223.4	8679.4	11135.8	14114.7	17093.7	18352.8
4456.3	47.5°	4521.5	4648.9	4863.5	5362.1	5860.8	8539.0	11217.3	14916.4	18615.6	20388.0
4228.4	50°	4286.3	4434.3	4716.4	5162.2	5608.0	8386.0	11164.0	15660.3	20156.5	22828.4
4053.8	52.5°	4111.0	4317.9	4642.3	5030.5	5419.0	8127.5	10836.4	16143.3	21449.9	25391.9
3927.4	55°	4017.9	4329.6	4631.3	4935.0	5238.7	7699.1	10159.4	16036.8	21913.9	27664.6
3830.2	57.5°	3962.0	4341.2	4607.3	4821.9	5036.5	7095.0	9153.1	15287.7	21422.6	29275.3
3738.8	60°	3909.4	4304.6	4480.3	4648.9	4817.6	6310.5	7803.5	13893.5	19983.5	29677.8
3634.6	62.5°	3848.2	4214.8	4236.4	4348.2	4460.3	5371.8	6283.3	12008.3	17733.4	27982.9
3492.3	65°	3719.1	3998.6	3995.9	4048.8	4101.7	4527.2	4952.6	10084.9	15217.5	25584.8
3300.0	67.5°	3488.9	3645.9	3653.3	3624.0	3594.4	3715.5	3836.2	8200.7	12565.2	22730.9
3062.5	70°	3196.9	3248.4	3248.4	3111.7	2974.6	2940.4	2905.8	6456.9	10008.0	19616.9
2779.4	72.5°	2871.5	2870.8	2838.2	2644.3	2450.0	2345.6	2241.5	4936.3	7631.2	16241.1
2431.4	75°	2502.3	2514.9	2364.5	2147.0	1929.4	1834.9	1740.5	3582.7	5425.0	12371.3
2075.5	77.5°	2132.3	2139.0	1891.2	1679.9	1468.7	1404.2	1340.0	2427.7	3515.5	8658.8
1663.0	80°	1710.5	1711.5	1415.5	1236.8	1057.9	1031.2	1004.6	1564.2	2124.0	5578.7
1234.8	82.5°	1258.1	1244.1	991.3	859.6	727.9	722.5	717.9	962.0	1206.9	3228.8
803.4	85°	828.3	810.0	622.1	525.6	429.1	431.8	434.1	514.3	594.8	1452.4
355.9	87.5°	365.9	342.6	264.5	224.9	185.6	188.0	190.3	213.2	236.2	475.7
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):**

270°		275°	280°	285°	290°	295°	300°	305°	310°	315°	320°
8669.1	0°	8669.1	8669.1	8669.1	8669.1	8669.1	8669.1	8669.1	8669.1	8669.1	8669.1
9322.8	2.5°	9358.0	9393.6	9443.9	9494.1	9524.0	9554.0	9568.9	9583.9	9577.3	9583.9
10024.7	5°	10148.1	10271.8	10394.3	10517.0	10583.5	10650.1	10690.3	10730.9	10761.5	10730.9
10729.9	7.5°	10930.8	11131.4	11312.1	11492.7	11601.5	11710.3	11769.1	11827.7	11856.0	11827.7
11270.5	10°	11508.0	11745.5	11957.4	12169.3	12297.7	12425.5	12482.7	12539.6	12561.2	12539.6
11601.5	12.5°	11859.0	12116.1	12307.7	12498.7	12591.8	12685.0	12716.2	12747.5	12750.8	12747.5
11802.7	15°	12025.0	12246.8	12366.9	12487.4	12490.7	12494.0	12460.7	12427.5	12388.2	12427.5
11915.8	17.5°	12065.9	12215.9	12218.2	12220.2	12085.5	11950.8	11827.4	11703.6	11616.5	11703.6
12040.6	20°	12092.8	12145.4	11987.4	11829.4	11532.0	11234.6	11018.0	10801.4	10668.4	10801.4
12185.3	22.5°	12116.8	12048.2	11720.9	11393.6	10956.1	10518.7	10247.9	9977.1	9830.1	9977.1
12371.6	25°	12155.4	11939.1	11442.1	10945.1	10413.9	9882.6	9597.9	9313.8	9174.7	9313.8
12624.4	27.5°	12237.9	11851.0	11192.6	10534.6	9945.8	9357.0	9076.9	8797.2	8665.8	8797.2
12965.4	30°	12388.9	11812.7	11002.4	10192.0	9578.6	8965.2	8705.4	8445.5	8323.1	8445.5
13367.9	32.5°	12578.5	11789.4	10872.6	9955.8	9379.3	8802.8	8598.9	8394.6	8306.5	8394.6
13856.9	35°	12890.9	11925.2	10969.8	10014.7	9614.2	9214.0	9166.4	9118.8	9111.5	9118.8
14680.2	37.5°	13543.9	12407.5	11539.3	10671.0	10645.1	10619.1	10836.7	11054.3	11167.4	11054.3
15924.4	40°	14688.6	13452.7	12807.0	12161.3	12617.1	13072.8	13601.8	14130.7	14394.2	14130.7
17574.4	42.5°	16348.2	15122.0	14750.1	14378.2	15372.2	16366.2	17328.2	18290.3	18855.1	18290.3
19611.9	45°	18510.5	17408.7	17244.7	17080.4	18672.8	20265.6	21846.4	23427.5	24387.2	23427.5
22160.1	47.5°	21088.6	20016.8	19983.5	19950.2	22247.6	24544.2	26858.6	29172.5	30531.4	29172.5
25500.0	50°	24176.3	22853.0	22858.7	22864.3	25825.0	28785.6	31840.5	34895.3	36742.2	34895.3
29333.9	52.5°	27731.1	26128.7	25966.7	25804.4	29340.9	32877.4	36657.0	40436.4	42650.2	40436.4
33415.6	55°	31832.1	30248.7	29617.0	28985.2	32921.3	36857.0	41362.8	45868.7	48501.7	45868.7
37128.1	57.5°	36265.8	35403.2	34136.1	32869.4	36843.6	40817.9	45921.6	51024.9	54289.9	51024.9
39371.9	60°	40711.1	42050.8	40477.3	38903.8	42664.8	46425.9	51890.1	57354.4	60883.2	57354.4
38232.5	62.5°	41892.1	45551.7	45374.4	45196.7	48642.1	52087.7	57286.5	62485.0	65746.7	62485.0
35952.1	65°	39386.8	42821.5	43501.1	44180.4	48558.9	52937.7	57978.8	63019.6	65796.6	63019.6
32896.6	67.5°	36163.4	39430.1	39748.8	40067.1	44629.2	49190.9	54253.7	59316.4	61492.0	59316.4
29225.8	70°	32778.9	36332.3	36474.7	36617.4	40697.2	44776.6	49133.4	53489.9	54699.1	53489.9
24851.3	72.5°	28928.7	33006.4	33108.9	33211.0	36402.9	39594.7	42857.8	46120.5	46242.9	46120.5
19317.5	75°	23537.6	27757.7	28136.6	28515.5	30998.8	33482.1	35779.1	38076.1	37460.7	38076.1
13802.0	77.5°	17741.4	21681.0	22223.3	22765.5	24653.4	26541.2	28170.2	29799.6	28741.7	29799.6
9033.4	80°	12347.6	15661.6	16335.6	17009.5	18435.3	19860.4	20716.0	21571.3	19869.7	21571.3
5251.0	82.5°	7516.8	9782.8	10535.6	11288.8	12270.1	13251.5	13608.4	13965.0	12627.7	13965.0
2310.3	85°	3512.9	4715.4	5355.8	5996.2	6802.5	7608.6	7811.2	8013.8	6942.6	8013.8
715.2	87.5°	1119.4	1523.6	1880.9	2238.1	2641.3	3044.5	3061.8	3078.8	2584.8	3078.8
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°
8669.1	0°	8669.1	8669.1	8669.1	8669.1	8669.1	8669.1	8669.1
9568.9	2.5°	9554.0	9524.0	9494.1	9443.9	9393.6	9358.0	9322.8
10690.3	5°	10650.1	10583.5	10517.0	10394.3	10271.8	10148.1	10024.7
11769.1	7.5°	11710.3	11601.5	11492.7	11312.1	11131.4	10930.8	10729.9
12482.7	10°	12425.5	12297.7	12169.3	11957.4	11745.5	11508.0	11270.5
12716.2	12.5°	12685.0	12591.8	12498.7	12307.7	12116.1	11859.0	11601.5
12460.7	15°	12494.0	12490.7	12487.4	12366.9	12246.8	12025.0	11802.7
11827.4	17.5°	11950.8	12085.5	12220.2	12218.2	12215.9	12065.9	11915.8
11018.0	20°	11234.6	11532.0	11829.4	11987.4	12145.4	12092.8	12040.6
10247.9	22.5°	10518.7	10956.1	11393.6	11720.9	12048.2	12116.8	12185.3
9597.9	25°	9882.6	10413.9	10945.1	11442.1	11939.1	12155.4	12371.6
9076.9	27.5°	9357.0	9945.8	10534.6	11192.6	11851.0	12237.9	12624.4
8705.4	30°	8965.2	9578.6	10192.0	11002.4	11812.7	12388.9	12965.4
8598.9	32.5°	8802.8	9379.3	9955.8	10872.6	11789.4	12578.5	13367.9
9166.4	35°	9214.0	9614.2	10014.7	10969.8	11925.2	12890.9	13856.9
10836.7	37.5°	10619.1	10645.1	10671.0	11539.3	12407.5	13543.9	14680.2
13601.8	40°	13072.8	12617.1	12161.3	12807.0	13452.7	14688.6	15924.4
17328.2	42.5°	16366.2	15372.2	14378.2	14750.1	15122.0	16348.2	17574.4
21846.4	45°	20265.6	18672.8	17080.4	17244.7	17408.7	18510.5	19611.9
26858.6	47.5°	24544.2	22247.6	19950.2	19983.5	20016.8	21088.6	22160.1
31840.5	50°	28785.6	25825.0	22864.3	22858.7	22853.0	24176.3	25500.0
36657.0	52.5°	32877.4	29340.9	25804.4	25966.7	26128.7	27731.1	29333.9
41362.8	55°	36857.0	32921.3	28985.2	29617.0	30248.7	31832.1	33415.6
45921.6	57.5°	40817.9	36843.6	32869.4	34136.1	35403.2	36265.8	37128.1
51890.1	60°	46425.9	42664.8	38903.8	40477.3	42050.8	40711.1	39371.9
57286.5	62.5°	52087.7	48642.1	45196.7	45374.4	45551.7	41892.1	38232.5
57978.8	65°	52937.7	48558.9	44180.4	43501.1	42821.5	39386.8	35952.1
54253.7	67.5°	49190.9	44629.2	40067.1	39748.8	39430.1	36163.4	32896.6
49133.4	70°	44776.6	40697.2	36617.4	36474.7	36332.3	32778.9	29225.8
42857.8	72.5°	39594.7	36402.9	33211.0	33108.9	33006.4	28928.7	24851.3
35779.1	75°	33482.1	30998.8	28515.5	28136.6	27757.7	23537.6	19317.5
28170.2	77.5°	26541.2	24653.4	22765.5	22223.3	21681.0	17741.4	13802.0
20716.0	80°	19860.4	18435.3	17009.5	16335.6	15661.6	12347.6	9033.4
13608.4	82.5°	13251.5	12270.1	11288.8	10535.6	9782.8	7516.8	5251.0
7811.2	85°	7608.6	6802.5	5996.2	5355.8	4715.4	3512.9	2310.3
3061.8	87.5°	3044.5	2641.3	2238.1	1880.9	1523.6	1119.4	715.2
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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