

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: P951518

Luminaire Tested: **GALN-SB5C-927-U-SLL**

Issue Date: 1/21/2025

**Test Information**

Test Method: LM-79-08  
Report Number: P951518  
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-SB5C-927-U-SLL  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(5) 90 CRI, 2700K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT  
ELIMINATOR LEFT OPTICS  
Light Source: -  
Ballast/Driver: -

**Summary**

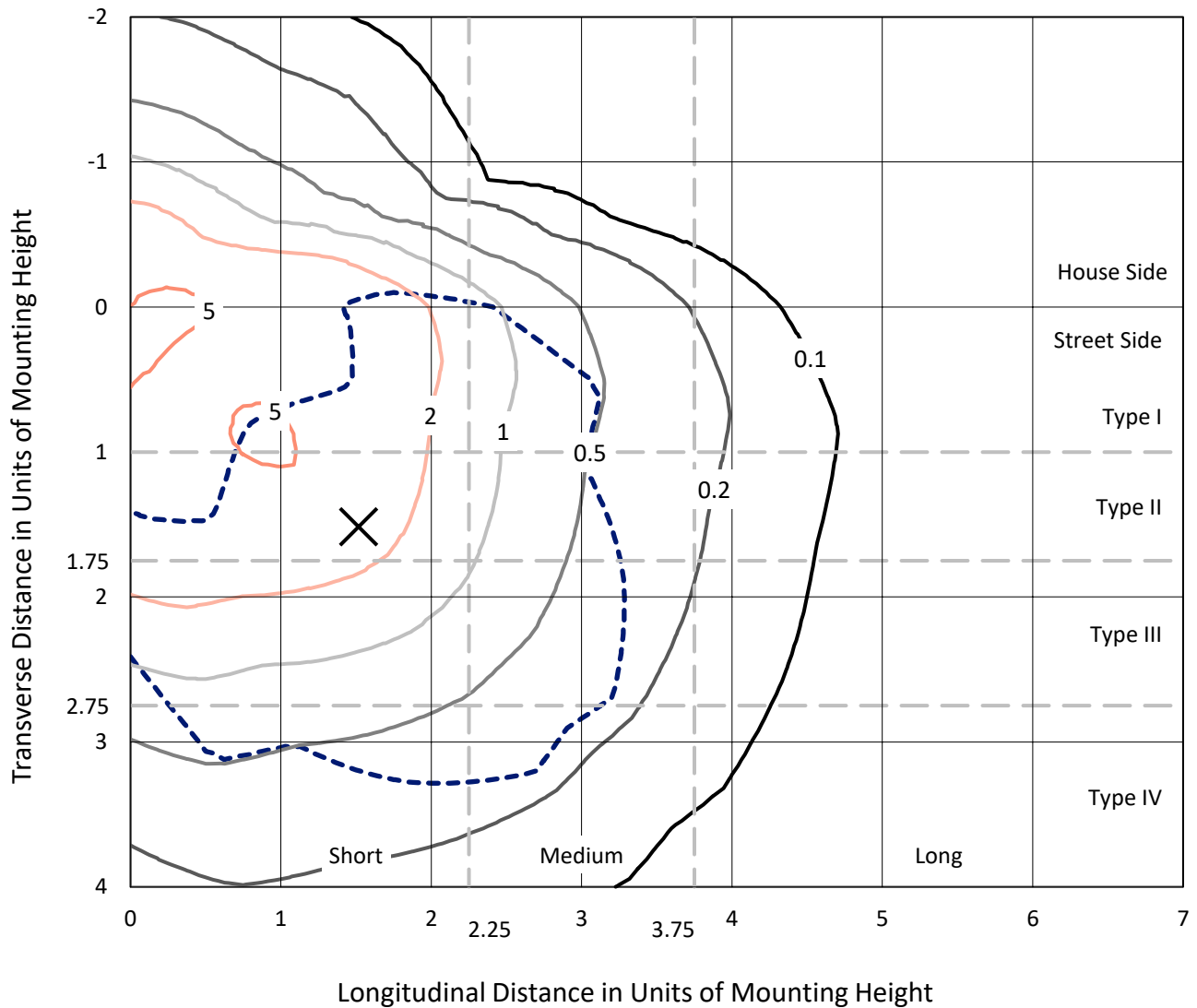
Lumens per Lamp: N/A  
Luminaire Lumens: 22945 lumens  
Efficiency: N/A  
Efficacy: 92.0 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B3 - U0 - G5  
  
Input Watts (W): 249.5  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

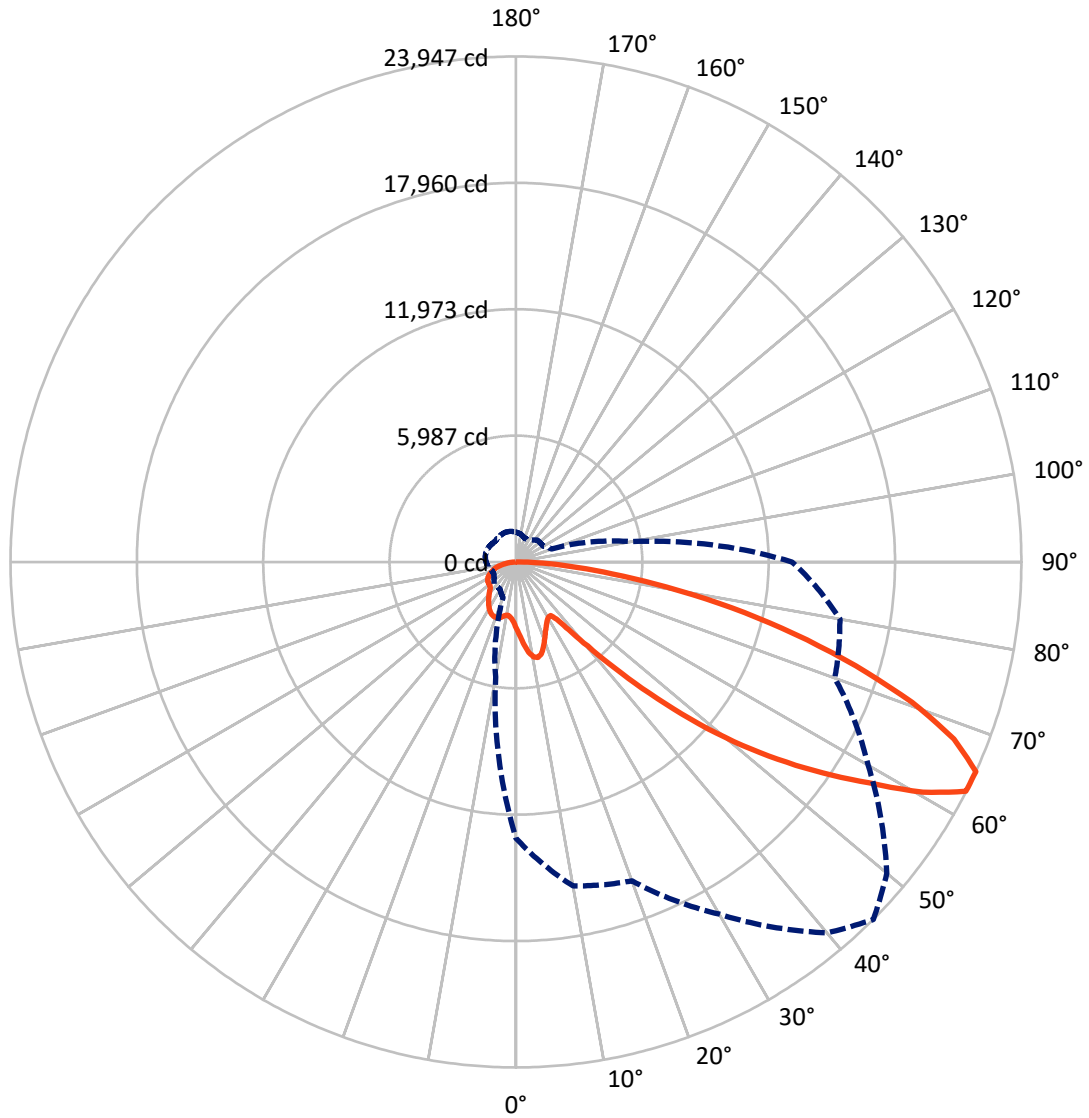
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 7 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	5831.5	0.0	5831.5
	% Fixture	25.4	0.0	25.4
<b>Street Side</b>	Lumens	17113.5	0.0	17113.5
	% Fixture	74.6	0.0	74.6
<b>Total</b>	Lumens	22945.0	0.0	22945.0
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	313.0	1.4
10°-20°	982.5	4.3
20°-30°	1517.7	6.6
30°-40°	1923.3	8.4
40°-50°	2900.8	12.6
50°-60°	4686.6	20.4
60°-70°	5842.6	25.5
70°-80°	3831.3	16.7
80°-90°	947.2	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°	22945.0	100.0
0°-180°	22945.0	100.0



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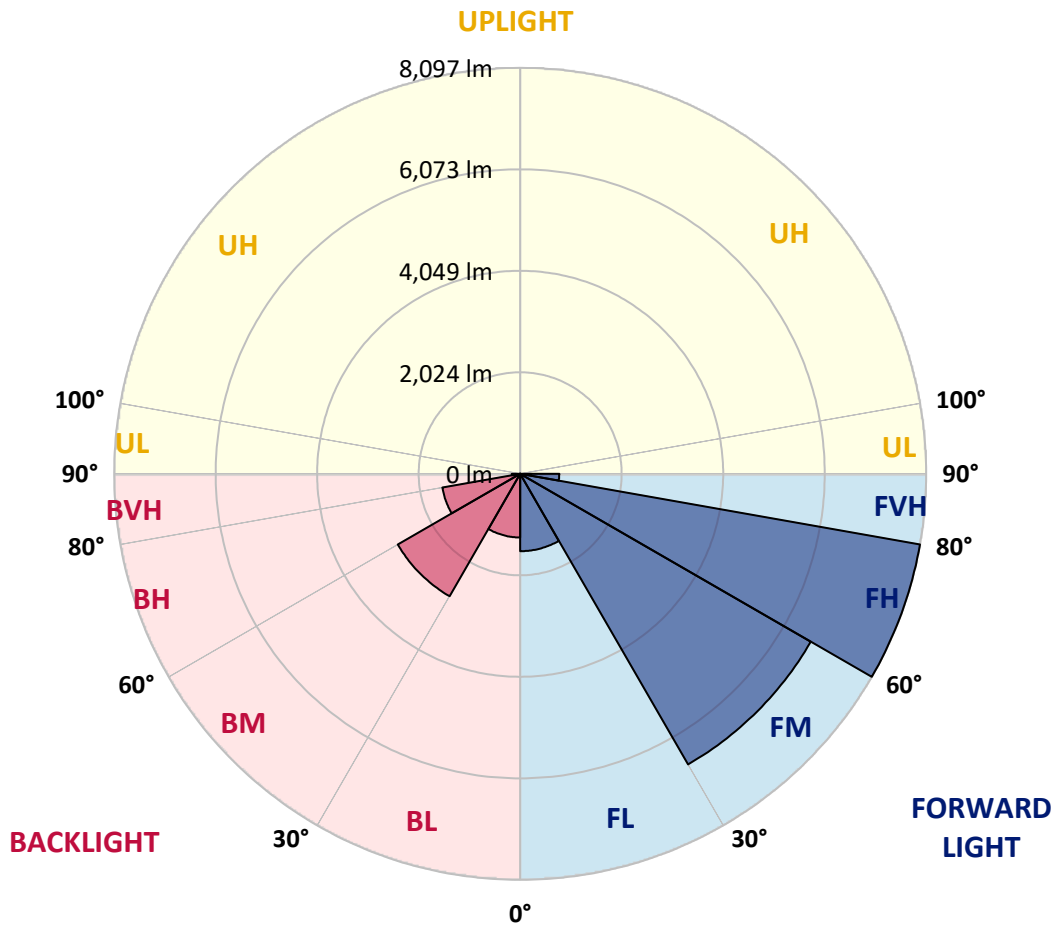
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1543.3	6.7			
FM (30°-60°)	6692.6	29.2			
FH (60°-80°)	8097.4	35.3			G4/12000
FVH (80°-90°)	780.3	3.4			G5
BL (0°-30°)	1269.9	5.5	B3/2500		
BM (30°-60°)	2818.1	12.3	B3/5000		
BH (60°-80°)	1576.6	6.9	B3/2500		G3/2500
BVH (80°-90°)	166.9	0.7			G2/225
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B3-U0-G5**

Type IV Short



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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°
0°	3155.1	3155.1	3155.1	3155.1	3155.1	3155.1	3155.1	3155.1	3155.1	3155.1
2.5°	3393.0	3405.9	3418.8	3437.1	3455.4	3466.3	3477.2	3482.6	3488.1	3485.7
5°	3648.5	3693.4	3738.5	3783.0	3827.7	3851.9	3876.1	3890.8	3905.5	3916.7
7.5°	3905.2	3978.3	4051.3	4117.1	4182.8	4222.4	4262.0	4283.4	4304.7	4315.0
10°	4101.9	4188.4	4274.8	4351.9	4429.1	4475.8	4522.3	4543.1	4563.8	4571.7
12.5°	4222.4	4316.1	4409.7	4479.4	4548.9	4582.8	4616.7	4628.1	4639.5	4640.7
15°	4295.6	4376.5	4457.3	4501.0	4544.8	4546.0	4547.2	4535.1	4523.0	4508.7
17.5°	4336.8	4391.4	4446.0	4446.9	4447.6	4398.5	4349.5	4304.6	4259.6	4227.8
20°	4382.2	4401.2	4420.3	4362.8	4305.3	4197.1	4088.8	4010.0	3931.2	3882.8
22.5°	4434.9	4409.9	4385.0	4265.8	4146.7	3987.5	3828.3	3729.7	3631.2	3577.7
25°	4502.7	4424.0	4345.3	4164.4	3983.5	3790.2	3596.8	3493.2	3389.8	3339.2
27.5°	4594.7	4454.0	4313.2	4073.6	3834.1	3619.8	3405.5	3303.6	3201.7	3153.9
30°	4718.8	4509.0	4299.3	4004.3	3709.4	3486.1	3262.9	3168.3	3073.8	3029.2
32.5°	4865.3	4578.0	4290.8	3957.1	3623.4	3413.6	3203.8	3129.6	3055.3	3023.2
35°	5043.3	4691.7	4340.2	3992.5	3644.9	3499.1	3353.5	3336.1	3318.8	3316.2
37.5°	5342.9	4929.3	4515.7	4199.7	3883.7	3874.3	3864.9	3944.0	4023.2	4064.4
40°	5795.7	5345.9	4896.1	4661.1	4426.1	4592.0	4757.9	4950.4	5142.9	5238.8
42.5°	6396.2	5950.0	5503.7	5368.3	5233.0	5594.7	5956.5	6306.6	6656.8	6862.4
45°	7137.8	6736.9	6335.9	6276.2	6216.4	6796.0	7375.7	7951.0	8526.5	8875.8
47.5°	8065.2	7675.2	7285.1	7273.0	7260.9	8097.1	8932.9	9775.2	10617.4	11112.0
50°	9280.8	8799.0	8317.4	8319.5	8321.5	9399.1	10476.6	11588.4	12700.2	13372.4
52.5°	10676.1	10092.8	9509.6	9450.6	9391.6	10678.7	11965.8	13341.4	14716.9	15522.6
55°	12161.7	11585.4	11009.1	10779.2	10549.2	11981.8	13414.2	15054.1	16694.0	17652.3
57.5°	13512.8	13199.0	12885.1	12423.9	11962.9	13409.3	14855.8	16713.3	18570.6	19758.9
60°	14329.5	14816.9	15304.5	14731.8	14159.1	15528.0	16896.8	18885.5	20874.3	22158.6
62.5°	13914.8	15246.7	16578.6	16514.1	16449.4	17703.4	18957.4	20849.6	22741.6	23928.7
65°	13084.9	14334.9	15585.0	15832.3	16079.6	17673.1	19266.8	21101.5	22936.1	23946.8
67.5°	11972.8	13161.7	14350.7	14466.6	14582.5	16242.9	17903.2	19745.7	21588.3	22380.2
70°	10636.8	11929.9	13223.2	13275.1	13327.0	14811.8	16296.5	17882.2	19467.8	19907.9
72.5°	9044.7	10528.7	12012.8	12050.0	12087.2	13248.9	14410.6	15598.2	16785.7	16830.2
75°	7030.6	8566.6	10102.5	10240.4	10378.3	11282.1	12185.9	13021.9	13857.9	13633.9
77.5°	5023.3	6457.0	7890.9	8088.2	8285.6	8972.6	9659.7	10252.6	10845.6	10460.6
80°	3287.7	4493.9	5700.1	5945.4	6190.7	6709.6	7228.2	7539.6	7850.9	7231.6
82.5°	1911.1	2735.7	3560.5	3834.5	4108.6	4465.7	4822.9	4952.8	5082.6	4595.9
85°	840.8	1278.5	1716.2	1949.3	2182.3	2475.8	2769.2	2842.9	2916.6	2526.8
87.5°	260.3	407.4	554.5	684.5	814.6	961.3	1108.1	1114.3	1120.5	940.7
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°
3155.1	0°	3155.1	3155.1	3155.1	3155.1	3155.1	3155.1	3155.1	3155.1	3155.1	3155.1
3488.1	2.5°	3482.6	3477.2	3466.3	3455.4	3437.1	3418.8	3405.9	3393.0	3367.0	3341.0
3905.5	5°	3890.8	3876.1	3851.9	3827.7	3783.0	3738.5	3693.4	3648.5	3591.0	3533.5
4304.7	7.5°	4283.4	4262.0	4222.4	4182.8	4117.1	4051.3	3978.3	3905.2	3810.3	3715.5
4563.8	10°	4543.1	4522.3	4475.8	4429.1	4351.9	4274.8	4188.4	4101.9	3981.9	3862.0
4639.5	12.5°	4628.1	4616.7	4582.8	4548.9	4479.4	4409.7	4316.1	4222.4	4090.5	3958.8
4523.0	15°	4535.1	4547.2	4546.0	4544.8	4501.0	4457.3	4376.5	4295.6	4158.2	4020.8
4259.6	17.5°	4304.6	4349.5	4398.5	4447.6	4446.9	4446.0	4391.4	4336.8	4197.4	4058.1
3931.2	20°	4010.0	4088.8	4197.1	4305.3	4362.8	4420.3	4401.2	4382.2	4237.4	4092.5
3631.2	22.5°	3729.7	3828.3	3987.5	4146.7	4265.8	4385.0	4409.9	4434.9	4286.9	4138.8
3389.8	25°	3493.2	3596.8	3790.2	3983.5	4164.4	4345.3	4424.0	4502.7	4357.6	4212.7
3201.7	27.5°	3303.6	3405.5	3619.8	3834.1	4073.6	4313.2	4454.0	4594.7	4456.4	4318.0
3073.8	30°	3168.3	3262.9	3486.1	3709.4	4004.3	4299.3	4509.0	4718.8	4585.1	4451.6
3055.3	32.5°	3129.6	3203.8	3413.6	3623.4	3957.1	4290.8	4578.0	4865.3	4732.9	4600.7
3318.8	35°	3336.1	3353.5	3499.1	3644.9	3992.5	4340.2	4691.7	5043.3	4916.6	4789.8
4023.2	37.5°	3944.0	3864.9	3874.3	3883.7	4199.7	4515.7	4929.3	5342.9	5181.4	5019.9
5142.9	40°	4950.4	4757.9	4592.0	4426.1	4661.1	4896.1	5345.9	5795.7	5560.4	5325.0
6656.8	42.5°	6306.6	5956.5	5594.7	5233.0	5368.3	5503.7	5950.0	6396.2	6056.5	5716.8
8526.5	45°	7951.0	7375.7	6796.0	6216.4	6276.2	6335.9	6736.9	7137.8	6679.5	6221.3
10617.4	47.5°	9775.2	8932.9	8097.1	7260.9	7273.0	7285.1	7675.2	8065.2	7420.3	6775.2
12700.2	50°	11588.4	10476.6	9399.1	8321.5	8319.5	8317.4	8799.0	9280.8	8308.4	7336.0
14716.9	52.5°	13341.4	11965.8	10678.7	9391.6	9450.6	9509.6	10092.8	10676.1	9241.4	7806.7
16694.0	55°	15054.1	13414.2	11981.8	10549.2	10779.2	11009.1	11585.4	12161.7	10068.6	7975.6
18570.6	57.5°	16713.3	14855.8	13409.3	11962.9	12423.9	12885.1	13199.0	13512.8	10654.8	7796.8
20874.3	60°	18885.5	16896.8	15528.0	14159.1	14731.8	15304.5	14816.9	14329.5	10801.3	7273.0
22741.6	62.5°	20849.6	18957.4	17703.4	16449.4	16514.1	16578.6	15246.7	13914.8	10184.5	6454.1
22936.1	65°	21101.5	19266.8	17673.1	16079.6	15832.3	15585.0	14334.9	13084.9	9311.6	5538.4
21588.3	67.5°	19745.7	17903.2	16242.9	14582.5	14466.6	14350.7	13161.7	11972.8	8273.0	4573.1
19467.8	70°	17882.2	16296.5	14811.8	13327.0	13275.1	13223.2	11929.9	10636.8	7139.6	3642.4
16785.7	72.5°	15598.2	14410.6	13248.9	12087.2	12050.0	12012.8	10528.7	9044.7	5911.0	2777.4
13857.9	75°	13021.9	12185.9	11282.1	10378.3	10240.4	10102.5	8566.6	7030.6	4502.5	1974.4
10845.6	77.5°	10252.6	9659.7	8972.6	8285.6	8088.2	7890.9	6457.0	5023.3	3151.4	1279.5
7850.9	80°	7539.6	7228.2	6709.6	6190.7	5945.4	5700.1	4493.9	3287.7	2030.4	773.0
5082.6	82.5°	4952.8	4822.9	4465.7	4108.6	3834.5	3560.5	2735.7	1911.1	1175.1	439.2
2916.6	85°	2842.9	2769.2	2475.8	2182.3	1949.3	1716.2	1278.5	840.8	528.6	216.5
1120.5	87.5°	1114.3	1108.1	961.3	814.6	684.5	554.5	407.4	260.3	173.1	86.0
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°
3155.1	0°	3155.1	3155.1	3155.1	3155.1	3155.1	3155.1	3155.1	3155.1	3155.1	3155.1
3313.3	2.5°	3285.7	3257.8	3230.0	3203.3	3176.7	3150.9	3122.2	3099.0	3075.8	3054.9
3476.1	5°	3418.8	3361.1	3303.4	3249.6	3195.7	3144.8	3094.6	3050.8	3006.8	2970.0
3627.8	7.5°	3540.1	3454.8	3369.4	3294.2	3219.1	3149.7	3084.7	3026.3	2968.1	2919.7
3746.1	10°	3630.3	3526.7	3422.9	3334.1	3245.0	3159.4	3089.5	3028.0	2966.5	2918.1
3827.6	12.5°	3696.3	3574.0	3451.8	3351.2	3250.5	3160.6	3095.6	3045.2	2995.1	2962.9
3878.4	15°	3736.0	3595.2	3454.4	3338.0	3221.5	3121.8	3069.8	3045.7	3021.7	3026.1
3902.8	17.5°	3747.4	3584.0	3420.5	3280.4	3140.4	3023.2	2991.1	2999.9	3008.6	3061.4
3921.8	20°	3751.1	3553.0	3354.9	3181.3	3007.7	2871.2	2862.7	2903.9	2945.1	3036.7
3947.4	22.5°	3755.9	3515.0	3274.0	3064.9	2855.8	2700.5	2717.1	2778.0	2838.9	2943.5
3993.9	25°	3775.0	3477.4	3180.0	2935.0	2690.2	2531.0	2575.8	2646.0	2716.2	2810.3
4066.6	27.5°	3815.0	3452.4	3089.8	2816.3	2542.8	2397.8	2452.3	2520.1	2587.9	2665.3
4160.6	30°	3869.7	3440.6	3011.3	2717.0	2422.6	2301.0	2343.7	2397.5	2451.5	2515.6
4258.8	32.5°	3916.9	3426.1	2935.0	2631.4	2327.6	2229.5	2248.5	2280.4	2312.2	2363.4
4370.7	35°	3951.5	3398.7	2846.2	2547.2	2248.3	2166.6	2158.7	2167.4	2176.3	2215.4
4496.0	37.5°	3972.1	3351.9	2731.6	2448.2	2164.8	2093.3	2064.5	2054.8	2045.1	2073.2
4655.1	40°	3985.1	3287.3	2589.7	2330.0	2070.3	2005.6	1961.4	1939.5	1917.5	1937.8
4863.2	42.5°	4009.7	3220.8	2432.1	2199.6	1967.2	1907.5	1851.8	1822.7	1793.7	1810.1
5137.1	45°	4052.9	3158.9	2265.0	2061.1	1857.2	1796.7	1742.8	1714.5	1686.3	1700.1
5428.9	47.5°	4082.5	3107.8	2133.0	1951.6	1770.1	1692.0	1645.6	1621.9	1598.1	1611.2
5699.6	50°	4063.2	3052.1	2041.0	1878.8	1716.6	1613.9	1560.0	1538.9	1518.0	1538.3
5875.4	52.5°	3943.9	2958.0	1972.3	1830.9	1689.6	1571.5	1496.2	1475.4	1454.7	1485.3
5836.6	55°	3697.5	2802.1	1906.6	1796.1	1685.6	1575.8	1462.3	1429.4	1396.6	1440.0
5564.0	57.5°	3331.3	2582.2	1833.0	1754.9	1676.8	1580.0	1442.0	1394.0	1346.1	1392.8
5056.6	60°	2840.1	2296.7	1753.4	1692.0	1630.6	1566.7	1422.8	1360.7	1298.5	1339.5
4370.5	62.5°	2286.8	1955.1	1623.3	1582.5	1541.9	1534.0	1400.6	1322.8	1245.2	1271.3
3670.4	65°	1802.5	1647.7	1492.8	1473.6	1454.3	1455.3	1353.6	1271.0	1188.3	1198.4
2984.7	67.5°	1396.2	1352.3	1308.2	1319.0	1329.6	1326.9	1269.8	1201.0	1132.3	1129.1
2350.0	70°	1057.6	1070.2	1082.6	1132.5	1182.3	1182.3	1163.5	1114.6	1065.7	1054.8
1796.6	72.5°	815.8	853.7	891.7	962.4	1033.0	1044.9	1045.1	1011.6	978.0	962.0
1303.9	75°	633.4	667.8	702.2	781.4	860.6	915.3	910.7	884.9	859.0	843.8
883.6	77.5°	487.7	511.0	534.5	611.4	688.3	778.5	776.1	755.4	734.7	719.2
569.3	80°	365.6	375.3	385.0	450.1	515.2	622.9	622.6	605.2	587.8	574.8
350.1	82.5°	261.3	263.0	264.9	312.8	360.8	452.8	457.9	449.4	440.9	431.7
187.2	85°	158.0	157.2	156.2	191.3	226.4	294.8	301.5	292.4	283.3	273.0
77.6	87.5°	69.3	68.4	67.6	81.8	96.3	124.7	133.2	129.5	125.9	124.0
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):**

160°		165°	170°	175°	180°	185°	190°	195°	200°	205°	210°
3155.1	0°	3155.1	3155.1	3155.1	3155.1	3155.1	3155.1	3155.1	3155.1	3155.1	3155.1
3034.1	2.5°	3015.8	2997.5	2979.1	2960.8	2946.6	2932.4	2920.9	2909.4	2900.4	2891.4
2933.3	5°	2900.9	2868.4	2839.0	2809.5	2786.8	2764.1	2748.2	2732.4	2721.1	2709.8
2871.2	7.5°	2830.4	2789.5	2753.4	2717.5	2690.5	2663.6	2644.7	2625.8	2612.9	2600.0
2869.6	10°	2825.7	2781.6	2741.1	2700.5	2668.3	2636.0	2614.9	2593.6	2581.4	2569.1
2930.9	12.5°	2896.3	2861.9	2819.9	2778.0	2736.8	2695.7	2668.4	2641.2	2627.5	2613.9
3030.4	15°	3021.5	3012.5	2976.1	2939.6	2881.0	2822.4	2781.0	2739.6	2720.6	2701.7
3114.2	17.5°	3142.3	3170.3	3140.8	3111.5	3033.9	2956.3	2895.3	2834.3	2806.2	2778.0
3128.5	20°	3187.2	3245.9	3232.4	3218.7	3130.0	3041.3	2966.5	2891.8	2855.8	2819.8
3048.3	22.5°	3124.7	3201.1	3209.4	3217.5	3132.7	3048.0	2971.0	2893.9	2856.0	2817.9
2904.5	25°	2979.7	3054.9	3083.0	3110.9	3041.4	2972.1	2903.5	2835.3	2802.3	2769.5
2742.5	27.5°	2802.8	2863.1	2894.3	2925.7	2876.2	2826.8	2773.6	2720.5	2698.5	2676.3
2579.8	30°	2629.8	2679.9	2705.4	2730.8	2693.1	2655.4	2617.3	2579.1	2567.8	2556.4
2414.8	32.5°	2462.7	2510.8	2539.0	2567.3	2532.7	2498.0	2467.6	2437.2	2429.8	2422.4
2254.4	35°	2301.8	2349.4	2383.3	2417.2	2392.5	2367.9	2339.8	2311.9	2300.6	2289.5
2101.2	37.5°	2148.5	2196.0	2237.9	2279.8	2268.4	2257.0	2231.2	2205.3	2184.9	2164.5
1958.0	40°	2003.7	2049.5	2097.7	2146.0	2148.8	2151.4	2129.5	2107.6	2077.8	2048.3
1826.7	42.5°	1870.1	1913.5	1965.6	2017.7	2031.6	2045.5	2027.0	2008.6	1971.7	1934.7
1714.1	45°	1755.3	1796.5	1850.5	1904.5	1924.4	1944.4	1927.7	1911.1	1868.9	1826.7
1624.2	47.5°	1664.5	1704.7	1758.0	1811.2	1834.2	1857.2	1845.6	1834.0	1796.5	1758.9
1558.8	50°	1596.8	1634.7	1682.4	1730.1	1759.7	1789.2	1788.5	1788.0	1758.0	1727.9
1515.8	52.5°	1550.7	1585.4	1629.9	1674.4	1709.4	1744.4	1750.7	1757.0	1732.5	1708.1
1483.4	55°	1520.9	1558.4	1597.4	1636.3	1673.3	1710.5	1719.2	1727.9	1706.6	1685.3
1439.5	57.5°	1483.6	1527.7	1566.2	1604.8	1642.2	1679.5	1688.3	1697.2	1675.6	1654.1
1380.5	60°	1431.1	1481.7	1520.8	1560.0	1597.5	1635.1	1644.8	1654.4	1633.4	1612.4
1297.3	62.5°	1356.2	1415.3	1457.1	1498.9	1533.3	1567.6	1577.0	1586.3	1567.3	1548.3
1208.3	65°	1271.5	1334.8	1374.8	1414.7	1445.0	1475.3	1484.8	1494.3	1476.0	1457.7
1126.0	67.5°	1184.3	1242.8	1280.7	1318.5	1344.6	1370.8	1380.1	1389.3	1372.5	1355.8
1043.9	70°	1095.2	1146.6	1179.2	1211.9	1235.5	1259.1	1268.1	1277.1	1263.4	1249.7
946.2	72.5°	986.6	1026.9	1056.5	1086.0	1109.1	1132.3	1142.9	1153.6	1142.2	1130.8
828.4	75°	858.4	888.4	915.2	941.9	963.0	984.1	995.2	1006.4	1000.8	995.2
703.7	77.5°	728.1	752.5	775.5	798.5	820.6	842.7	853.1	863.5	855.7	847.7
561.8	80°	582.1	602.3	621.7	641.1	657.9	674.6	688.4	702.2	698.8	695.6
422.5	82.5°	420.8	419.2	412.4	405.6	441.4	477.3	500.8	524.2	522.8	521.2
262.7	85°	254.0	245.2	226.4	207.6	241.2	274.8	303.9	332.9	330.5	328.1
122.0	87.5°	121.7	121.3	107.0	92.6	106.7	120.8	132.6	144.3	141.4	138.3
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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**CANDELA DISTRIBUTION (continued):**

215°		220°	225°	230°	235°	240°	245°	250°	255°	260°	265°
3155.1	0°	3155.1	3155.1	3155.1	3155.1	3155.1	3155.1	3155.1	3155.1	3155.1	3155.1
2883.2	2.5°	2874.9	2864.6	2874.9	2883.2	2891.4	2900.4	2909.4	2920.9	2932.4	2946.6
2701.2	5°	2692.6	2684.2	2692.6	2701.2	2709.8	2721.1	2732.4	2748.2	2764.1	2786.8
2592.3	7.5°	2584.6	2578.8	2584.6	2592.3	2600.0	2612.9	2625.8	2644.7	2663.6	2690.5
2562.6	10°	2556.1	2553.4	2556.1	2562.6	2569.1	2581.4	2593.6	2614.9	2636.0	2668.3
2608.4	12.5°	2602.8	2601.8	2602.8	2608.4	2613.9	2627.5	2641.2	2668.4	2695.7	2736.8
2694.5	15°	2687.2	2686.6	2687.2	2694.5	2701.7	2720.6	2739.6	2781.0	2822.4	2881.0
2768.8	17.5°	2759.5	2758.0	2759.5	2768.8	2778.0	2806.2	2834.3	2895.3	2956.3	3033.9
2808.3	20°	2796.8	2793.1	2796.8	2808.3	2819.8	2855.8	2891.8	2966.5	3041.3	3130.0
2805.2	22.5°	2792.5	2787.1	2792.5	2805.2	2817.9	2856.0	2893.9	2971.0	3048.0	3132.7
2757.5	25°	2745.7	2738.6	2745.7	2757.5	2769.5	2802.3	2835.3	2903.5	2972.1	3041.4
2670.8	27.5°	2665.4	2663.6	2665.4	2670.8	2676.3	2698.5	2720.5	2773.6	2826.8	2876.2
2556.4	30°	2556.4	2558.3	2556.4	2556.4	2556.4	2567.8	2579.1	2617.3	2655.4	2693.1
2423.4	32.5°	2424.5	2426.3	2424.5	2423.4	2422.4	2429.8	2437.2	2467.6	2498.0	2532.7
2287.0	35°	2284.6	2283.4	2284.6	2287.0	2289.5	2300.6	2311.9	2339.8	2367.9	2392.5
2153.7	37.5°	2143.0	2136.9	2143.0	2153.7	2164.5	2184.9	2205.3	2231.2	2257.0	2268.4
2028.2	40°	2008.3	1996.5	2008.3	2028.2	2048.3	2077.8	2107.6	2129.5	2151.4	2148.8
1905.6	42.5°	1876.4	1857.2	1876.4	1905.6	1934.7	1971.7	2008.6	2027.0	2045.5	2031.6
1792.5	45°	1758.2	1736.2	1758.2	1792.5	1826.7	1868.9	1911.1	1927.7	1944.4	1924.4
1727.2	47.5°	1695.6	1674.4	1695.6	1727.2	1758.9	1796.5	1834.0	1845.6	1857.2	1834.2
1698.6	50°	1669.3	1649.0	1669.3	1698.6	1727.9	1758.0	1788.0	1788.5	1789.2	1759.7
1681.8	52.5°	1655.7	1636.9	1655.7	1681.8	1708.1	1732.5	1757.0	1750.7	1744.4	1709.4
1662.3	55°	1639.3	1622.4	1639.3	1662.3	1685.3	1706.6	1727.9	1719.2	1710.5	1673.3
1631.3	57.5°	1608.4	1590.9	1608.4	1631.3	1654.1	1675.6	1697.2	1688.3	1679.5	1642.2
1588.9	60°	1565.5	1547.3	1565.5	1588.9	1612.4	1633.4	1654.4	1644.8	1635.1	1597.5
1523.6	62.5°	1498.9	1477.1	1498.9	1523.6	1548.3	1567.3	1586.3	1577.0	1567.6	1533.3
1433.7	65°	1409.9	1391.1	1409.9	1433.7	1457.7	1476.0	1494.3	1484.8	1475.3	1445.0
1333.5	67.5°	1311.2	1294.3	1311.2	1333.5	1355.8	1372.5	1389.3	1380.1	1370.8	1344.6
1228.4	70°	1207.1	1187.7	1207.1	1228.4	1249.7	1263.4	1277.1	1268.1	1259.1	1235.5
1110.5	72.5°	1090.3	1071.5	1090.3	1110.5	1130.8	1142.2	1153.6	1142.9	1132.3	1109.1
978.1	75°	961.1	943.2	961.1	978.1	995.2	1000.8	1006.4	995.2	984.1	963.0
830.6	77.5°	813.4	799.1	813.4	830.6	847.7	855.7	863.5	853.1	842.7	820.6
672.4	80°	649.2	622.3	649.2	672.4	695.6	698.8	702.2	688.4	674.6	657.9
501.7	82.5°	482.1	464.9	482.1	501.7	521.2	522.8	524.2	500.8	477.3	441.4
312.8	85°	297.6	282.1	297.6	312.8	328.1	330.5	332.9	303.9	274.8	241.2
130.5	87.5°	122.5	115.0	122.5	130.5	138.3	141.4	144.3	132.6	120.8	106.7
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°
3155.1	0°	3155.1	3155.1	3155.1	3155.1	3155.1	3155.1	3155.1	3155.1	3155.1	3155.1
2960.8	2.5°	2979.1	2997.5	3015.8	3034.1	3054.9	3075.8	3099.0	3122.2	3150.9	3176.7
2809.5	5°	2839.0	2868.4	2900.9	2933.3	2970.0	3006.8	3050.8	3094.6	3144.8	3195.7
2717.5	7.5°	2753.4	2789.5	2830.4	2871.2	2919.7	2968.1	3026.3	3084.7	3149.7	3219.1
2700.5	10°	2741.1	2781.6	2825.7	2869.6	2918.1	2966.5	3028.0	3089.5	3159.4	3245.0
2778.0	12.5°	2819.9	2861.9	2896.3	2930.9	2962.9	2995.1	3045.2	3095.6	3160.6	3250.5
2939.6	15°	2976.1	3012.5	3021.5	3030.4	3026.1	3021.7	3045.7	3069.8	3121.8	3221.5
3111.5	17.5°	3140.8	3170.3	3142.3	3114.2	3061.4	3008.6	2999.9	2991.1	3023.2	3140.4
3218.7	20°	3232.4	3245.9	3187.2	3128.5	3036.7	2945.1	2903.9	2862.7	2871.2	3007.7
3217.5	22.5°	3209.4	3201.1	3124.7	3048.3	2943.5	2838.9	2778.0	2717.1	2700.5	2855.8
3110.9	25°	3083.0	3054.9	2979.7	2904.5	2810.3	2716.2	2646.0	2575.8	2531.0	2690.2
2925.7	27.5°	2894.3	2863.1	2802.8	2742.5	2665.3	2587.9	2520.1	2452.3	2397.8	2542.8
2730.8	30°	2705.4	2679.9	2629.8	2579.8	2515.6	2451.5	2397.5	2343.7	2301.0	2422.6
2567.3	32.5°	2539.0	2510.8	2462.7	2414.8	2363.4	2312.2	2280.4	2248.5	2229.5	2327.6
2417.2	35°	2383.3	2349.4	2301.8	2254.4	2215.4	2176.3	2167.4	2158.7	2166.6	2248.3
2279.8	37.5°	2237.9	2196.0	2148.5	2101.2	2073.2	2045.1	2054.8	2064.5	2093.3	2164.8
2146.0	40°	2097.7	2049.5	2003.7	1958.0	1937.8	1917.5	1939.5	1961.4	2005.6	2070.3
2017.7	42.5°	1965.6	1913.5	1870.1	1826.7	1810.1	1793.7	1822.7	1851.8	1907.5	1967.2
1904.5	45°	1850.5	1796.5	1755.3	1714.1	1700.1	1686.3	1714.5	1742.8	1796.7	1857.2
1811.2	47.5°	1758.0	1704.7	1664.5	1624.2	1611.2	1598.1	1621.9	1645.6	1692.0	1770.1
1730.1	50°	1682.4	1634.7	1596.8	1558.8	1538.3	1518.0	1538.9	1560.0	1613.9	1716.6
1674.4	52.5°	1629.9	1585.4	1550.7	1515.8	1485.3	1454.7	1475.4	1496.2	1571.5	1689.6
1636.3	55°	1597.4	1558.4	1520.9	1483.4	1440.0	1396.6	1429.4	1462.3	1575.8	1685.6
1604.8	57.5°	1566.2	1527.7	1483.6	1439.5	1392.8	1346.1	1394.0	1442.0	1580.0	1676.8
1560.0	60°	1520.8	1481.7	1431.1	1380.5	1339.5	1298.5	1360.7	1422.8	1566.7	1630.6
1498.9	62.5°	1457.1	1415.3	1356.2	1297.3	1271.3	1245.2	1322.8	1400.6	1534.0	1541.9
1414.7	65°	1374.8	1334.8	1271.5	1208.3	1198.4	1188.3	1271.0	1353.6	1455.3	1454.3
1318.5	67.5°	1280.7	1242.8	1184.3	1126.0	1129.1	1132.3	1201.0	1269.8	1326.9	1329.6
1211.9	70°	1179.2	1146.6	1095.2	1043.9	1054.8	1065.7	1114.6	1163.5	1182.3	1182.3
1086.0	72.5°	1056.5	1026.9	986.6	946.2	962.0	978.0	1011.6	1045.1	1044.9	1033.0
941.9	75°	915.2	888.4	858.4	828.4	843.8	859.0	884.9	910.7	915.3	860.6
798.5	77.5°	775.5	752.5	728.1	703.7	719.2	734.7	755.4	776.1	778.5	688.3
641.1	80°	621.7	602.3	582.1	561.8	574.8	587.8	605.2	622.6	622.9	515.2
405.6	82.5°	412.4	419.2	420.8	422.5	431.7	440.9	449.4	457.9	452.8	360.8
207.6	85°	226.4	245.2	254.0	262.7	273.0	283.3	292.4	301.5	294.8	226.4
92.6	87.5°	107.0	121.3	121.7	122.0	124.0	125.9	129.5	133.2	124.7	96.3
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°
3155.1	0°	3155.1	3155.1	3155.1	3155.1	3155.1	3155.1	3155.1
3203.3	2.5°	3230.0	3257.8	3285.7	3313.3	3341.0	3367.0	3393.0
3249.6	5°	3303.4	3361.1	3418.8	3476.1	3533.5	3591.0	3648.5
3294.2	7.5°	3369.4	3454.8	3540.1	3627.8	3715.5	3810.3	3905.2
3334.1	10°	3422.9	3526.7	3630.3	3746.1	3862.0	3981.9	4101.9
3351.2	12.5°	3451.8	3574.0	3696.3	3827.6	3958.8	4090.5	4222.4
3338.0	15°	3454.4	3595.2	3736.0	3878.4	4020.8	4158.2	4295.6
3280.4	17.5°	3420.5	3584.0	3747.4	3902.8	4058.1	4197.4	4336.8
3181.3	20°	3354.9	3553.0	3751.1	3921.8	4092.5	4237.4	4382.2
3064.9	22.5°	3274.0	3515.0	3755.9	3947.4	4138.8	4286.9	4434.9
2935.0	25°	3180.0	3477.4	3775.0	3993.9	4212.7	4357.6	4502.7
2816.3	27.5°	3089.8	3452.4	3815.0	4066.6	4318.0	4456.4	4594.7
2717.0	30°	3011.3	3440.6	3869.7	4160.6	4451.6	4585.1	4718.8
2631.4	32.5°	2935.0	3426.1	3916.9	4258.8	4600.7	4732.9	4865.3
2547.2	35°	2846.2	3398.7	3951.5	4370.7	4789.8	4916.6	5043.3
2448.2	37.5°	2731.6	3351.9	3972.1	4496.0	5019.9	5181.4	5342.9
2330.0	40°	2589.7	3287.3	3985.1	4655.1	5325.0	5560.4	5795.7
2199.6	42.5°	2432.1	3220.8	4009.7	4863.2	5716.8	6056.5	6396.2
2061.1	45°	2265.0	3158.9	4052.9	5137.1	6221.3	6679.5	7137.8
1951.6	47.5°	2133.0	3107.8	4082.5	5428.9	6775.2	7420.3	8065.2
1878.8	50°	2041.0	3052.1	4063.2	5699.6	7336.0	8308.4	9280.8
1830.9	52.5°	1972.3	2958.0	3943.9	5875.4	7806.7	9241.4	10676.1
1796.1	55°	1906.6	2802.1	3697.5	5836.6	7975.6	10068.6	12161.7
1754.9	57.5°	1833.0	2582.2	3331.3	5564.0	7796.8	10654.8	13512.8
1692.0	60°	1753.4	2296.7	2840.1	5056.6	7273.0	10801.3	14329.5
1582.5	62.5°	1623.3	1955.1	2286.8	4370.5	6454.1	10184.5	13914.8
1473.6	65°	1492.8	1647.7	1802.5	3670.4	5538.4	9311.6	13084.9
1319.0	67.5°	1308.2	1352.3	1396.2	2984.7	4573.1	8273.0	11972.8
1132.5	70°	1082.6	1070.2	1057.6	2350.0	3642.4	7139.6	10636.8
962.4	72.5°	891.7	853.7	815.8	1796.6	2777.4	5911.0	9044.7
781.4	75°	702.2	667.8	633.4	1303.9	1974.4	4502.5	7030.6
611.4	77.5°	534.5	511.0	487.7	883.6	1279.5	3151.4	5023.3
450.1	80°	385.0	375.3	365.6	569.3	773.0	2030.4	3287.7
312.8	82.5°	264.9	263.0	261.3	350.1	439.2	1175.1	1911.1
191.3	85°	156.2	157.2	158.0	187.2	216.5	528.6	840.8
81.8	87.5°	67.6	68.4	69.3	77.6	86.0	173.1	260.3
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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