

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: P954017

Luminaire Tested: **GALN-SB7B-927-U-SLL**

Issue Date: 1/21/2025

**Test Information**

Test Method: LM-79-08  
Report Number: P954017  
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-SB7B-927-U-SLL  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(7) 90 CRI, 2700K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT  
ELIMINATOR LEFT OPTICS  
Light Source: -  
Ballast/Driver: -

**Summary**

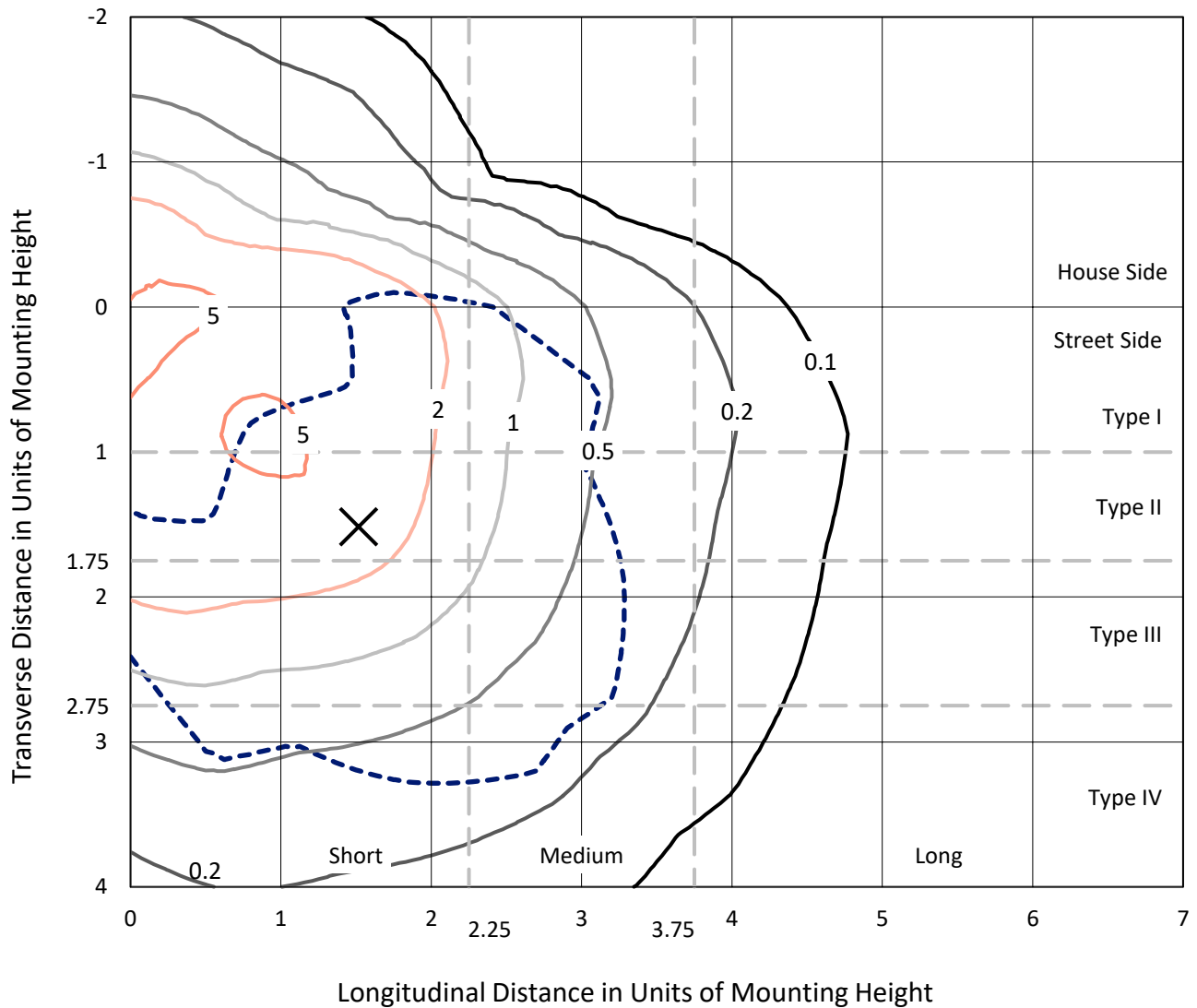
Lumens per Lamp: N/A  
Luminaire Lumens: 24289 lumens  
Efficiency: N/A  
Efficacy: 94.6 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B3 - U0 - G5  
  
Input Watts (W): 256.7  
Input Voltage (V): NR  
Input Current (Ain): NR  
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

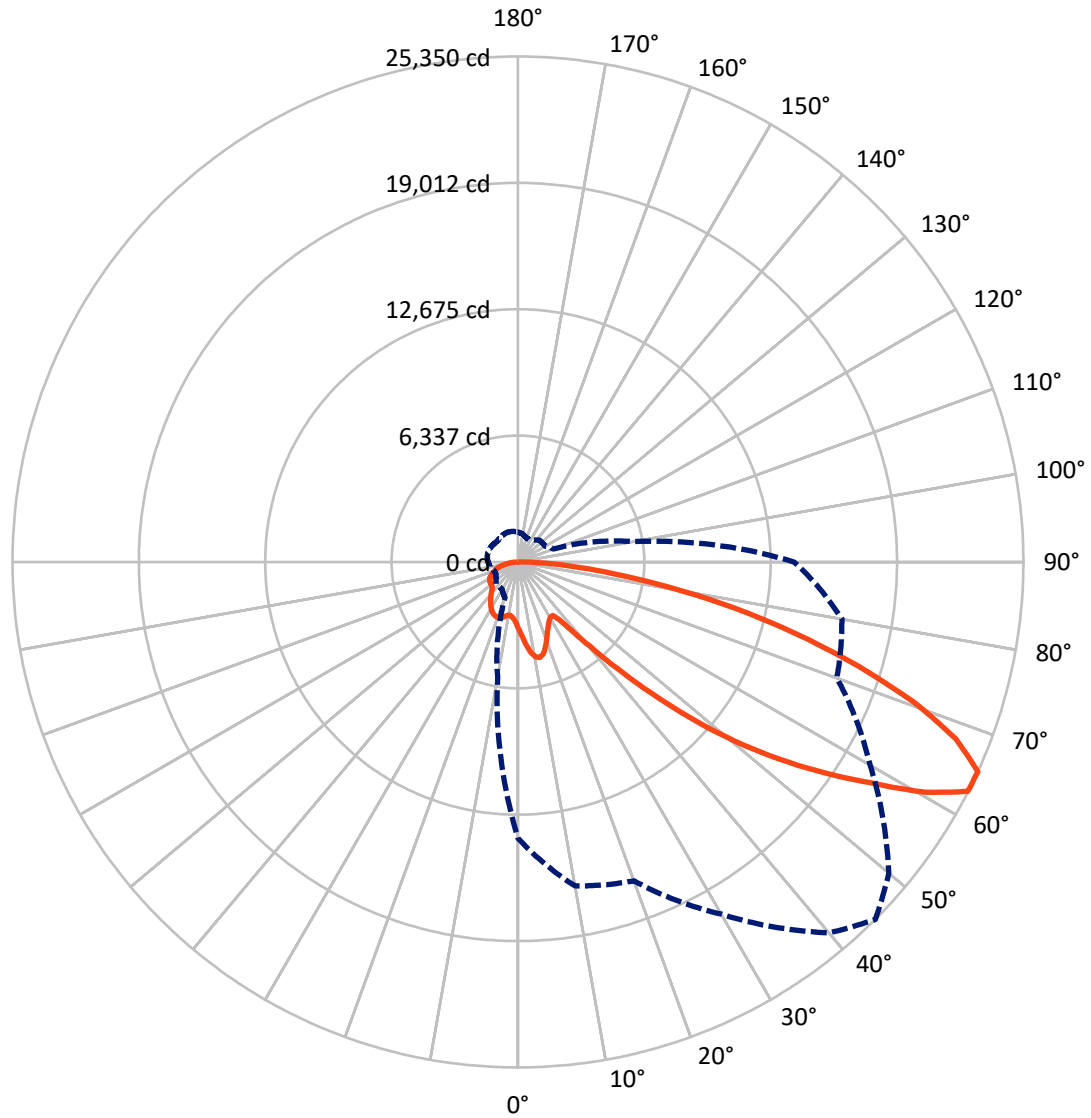
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 7.4 fc  
 Type IV - Short - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral      - - - Horizontal Cone Through 65-Deg Vertical

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**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	6173.0	0.0	6173.0
	% Fixture	25.4	0.0	25.4
<b>Street Side</b>	Lumens	18116.0	0.0	18116.0
	% Fixture	74.6	0.0	74.6
<b>Total</b>	Lumens	24289.0	0.0	24289.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	331.3	1.4
10°-20°	1040.1	4.3
20°-30°	1606.6	6.6
30°-40°	2035.9	8.4
40°-50°	3070.7	12.6
50°-60°	4961.2	20.4
60°-70°	6184.9	25.5
70°-80°	4055.7	16.7
80°-90°	1002.7	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°	24289.0	100.0
0°-180°	24289.0	100.0

**Coefficient of Utilization**



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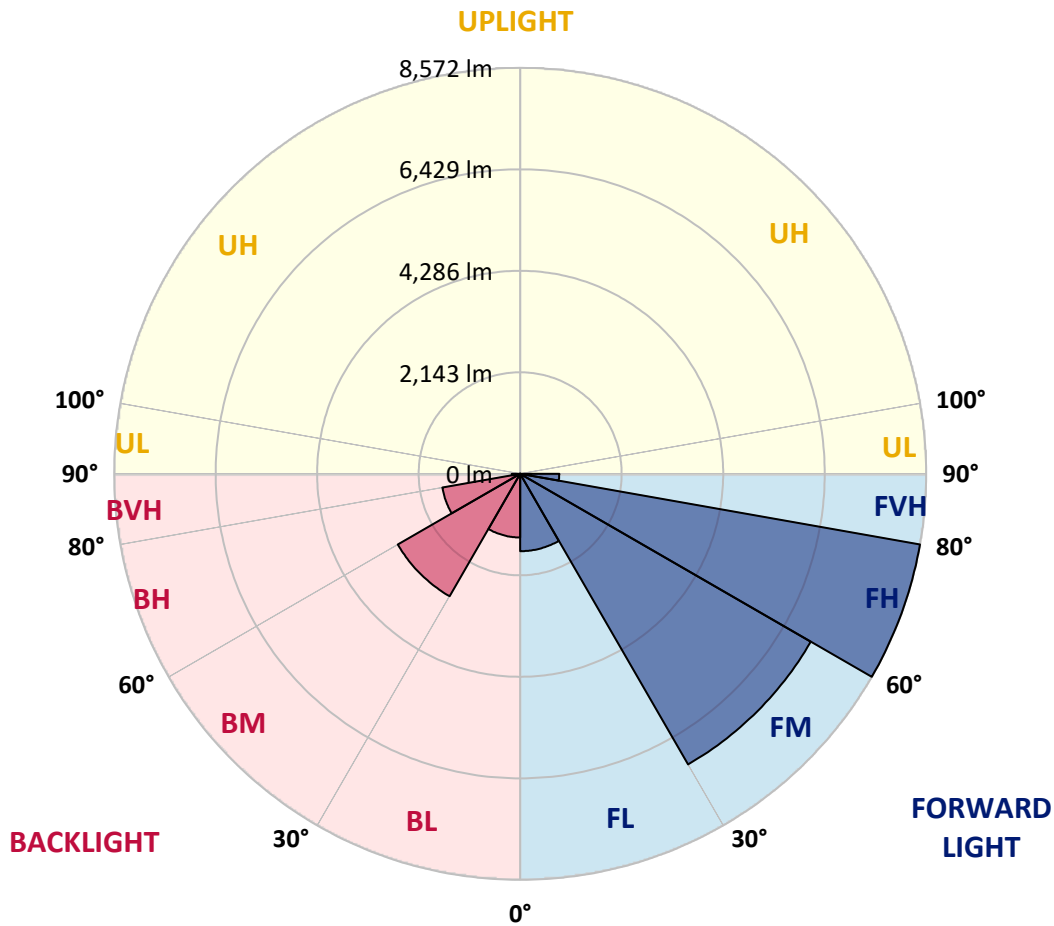
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1633.7	6.7			
FM (30°-60°)	7084.6	29.2			
FH (60°-80°)	8571.7	35.3			G4/12000
FVH (80°-90°)	826.0	3.4			G5
BL (0°-30°)	1344.3	5.5	B3/2500		
BM (30°-60°)	2983.2	12.3	B3/5000		
BH (60°-80°)	1668.9	6.9	B3/2500		G3/2500
BVH (80°-90°)	176.7	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°	3339.9	3339.9	3339.9	3339.9	3339.9	3339.9	3339.9	3339.9	3339.9	3339.9
2.5°	3591.8	3605.4	3619.1	3638.4	3657.8	3669.3	3680.9	3686.6	3692.4	3689.8
5°	3862.2	3909.8	3957.4	4004.6	4051.9	4077.5	4103.2	4118.7	4134.3	4146.1
7.5°	4133.9	4211.3	4288.6	4358.2	4427.8	4469.7	4511.6	4534.3	4556.9	4567.8
10°	4342.2	4433.7	4525.2	4606.8	4688.5	4738.0	4787.2	4809.2	4831.1	4839.5
12.5°	4469.7	4568.9	4668.0	4741.8	4815.4	4851.3	4887.1	4899.2	4911.2	4912.5
15°	4547.2	4632.9	4718.3	4764.6	4811.0	4812.3	4813.6	4800.8	4787.9	4772.8
17.5°	4590.8	4648.6	4706.4	4707.3	4708.1	4656.2	4604.3	4556.7	4509.1	4475.5
20°	4638.9	4659.0	4679.3	4618.4	4557.5	4442.9	4328.3	4244.9	4161.5	4110.2
22.5°	4694.6	4668.2	4641.8	4515.7	4389.6	4221.1	4052.5	3948.2	3843.9	3787.2
25°	4766.4	4683.1	4599.8	4408.3	4216.8	4012.2	3807.5	3697.8	3588.3	3534.8
27.5°	4863.8	4714.9	4565.8	4312.2	4058.7	3831.8	3605.0	3497.1	3389.3	3338.7
30°	4995.2	4773.1	4551.1	4238.9	3926.7	3690.3	3454.0	3353.9	3253.8	3206.7
32.5°	5150.3	4846.1	4542.1	4188.9	3835.7	3613.6	3391.5	3312.9	3234.2	3200.2
35°	5338.7	4966.5	4594.4	4226.3	3858.4	3704.1	3549.9	3531.6	3513.2	3510.4
37.5°	5655.9	5218.1	4780.3	4445.7	4111.2	4101.2	4091.2	4175.1	4258.9	4302.5
40°	6135.2	5659.1	5182.9	4934.2	4685.4	4861.0	5036.6	5240.4	5444.1	5545.6
42.5°	6770.9	6298.5	5826.1	5682.8	5539.5	5922.4	6305.4	6676.0	7046.7	7264.3
45°	7555.9	7131.5	6707.1	6643.9	6580.6	7194.1	7807.7	8416.8	9025.9	9395.7
47.5°	8537.6	8124.8	7711.9	7699.1	7686.2	8571.3	9456.2	10347.8	11239.3	11762.9
50°	9824.4	9314.4	8804.6	8806.8	8808.9	9949.6	11090.3	12267.2	13444.1	14155.7
52.5°	11301.5	10684.0	10066.6	10004.2	9941.7	11304.2	12666.7	14122.9	15578.9	16431.9
55°	12874.0	12264.0	11653.9	11410.5	11167.2	12683.6	14199.9	15935.9	17671.9	18686.3
57.5°	14304.4	13972.2	13639.8	13151.6	12663.6	14194.8	15725.9	17692.2	19658.4	20916.3
60°	15168.8	15684.8	16200.9	15594.7	14988.5	16437.5	17886.5	19991.7	22097.0	23456.5
62.5°	14729.9	16139.8	17549.7	17481.4	17413.0	18740.4	20067.9	22070.8	24073.6	25330.3
65°	13851.3	15174.6	16497.9	16759.7	17021.4	18708.3	20395.3	22337.5	24279.6	25349.5
67.5°	12674.1	13932.7	15191.2	15314.0	15436.7	17194.3	18951.8	20902.4	22852.9	23691.1
70°	11259.8	12628.7	13997.8	14052.6	14107.6	15679.4	17251.1	18929.7	20608.1	21074.0
72.5°	9574.5	11145.4	12716.4	12755.9	12795.2	14025.0	15254.7	16511.8	17768.9	17816.0
75°	7442.5	9068.4	10694.2	10840.2	10986.2	11942.9	12899.7	13784.6	14669.6	14432.5
77.5°	5317.5	6835.2	8353.1	8562.0	8770.9	9498.2	10225.5	10853.2	11480.9	11073.3
80°	3480.3	4757.2	6033.9	6293.6	6553.3	7102.6	7651.6	7981.3	8310.8	7655.2
82.5°	2023.1	2896.0	3769.0	4059.1	4349.2	4727.3	5105.4	5242.9	5380.3	4865.1
85°	890.1	1353.4	1816.7	2063.4	2310.2	2620.8	2931.4	3009.4	3087.5	2674.8
87.5°	275.6	431.3	587.0	724.6	862.3	1017.6	1173.0	1179.6	1186.2	995.8
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°
3339.9	0°	3339.9	3339.9	3339.9	3339.9	3339.9	3339.9	3339.9	3339.9	3339.9	3339.9
3692.4	2.5°	3686.6	3680.9	3669.3	3657.8	3638.4	3619.1	3605.4	3591.8	3564.2	3536.7
4134.3	5°	4118.7	4103.2	4077.5	4051.9	4004.6	3957.4	3909.8	3862.2	3801.3	3740.5
4556.9	7.5°	4534.3	4511.6	4469.7	4427.8	4358.2	4288.6	4211.3	4133.9	4033.4	3933.1
4831.1	10°	4809.2	4787.2	4738.0	4688.5	4606.8	4525.2	4433.7	4342.2	4215.2	4088.2
4911.2	12.5°	4899.2	4887.1	4851.3	4815.4	4741.8	4668.0	4568.9	4469.7	4330.1	4190.7
4787.9	15°	4800.8	4813.6	4812.3	4811.0	4764.6	4718.3	4632.9	4547.2	4401.8	4256.3
4509.1	17.5°	4556.7	4604.3	4656.2	4708.1	4707.3	4706.4	4648.6	4590.8	4443.3	4295.8
4161.5	20°	4244.9	4328.3	4442.9	4557.5	4618.4	4679.3	4659.0	4638.9	4485.6	4332.2
3843.9	22.5°	3948.2	4052.5	4221.1	4389.6	4515.7	4641.8	4668.2	4694.6	4538.0	4381.3
3588.3	25°	3697.8	3807.5	4012.2	4216.8	4408.3	4599.8	4683.1	4766.4	4612.9	4459.5
3389.3	27.5°	3497.1	3605.0	3831.8	4058.7	4312.2	4565.8	4714.9	4863.8	4717.5	4571.0
3253.8	30°	3353.9	3454.0	3690.3	3926.7	4238.9	4551.1	4773.1	4995.2	4853.7	4712.3
3234.2	32.5°	3312.9	3391.5	3613.6	3835.7	4188.9	4542.1	4846.1	5150.3	5010.2	4870.2
3513.2	35°	3531.6	3549.9	3704.1	3858.4	4226.3	4594.4	4966.5	5338.7	5204.6	5070.4
4258.9	37.5°	4175.1	4091.2	4101.2	4111.2	4445.7	4780.3	5218.1	5655.9	5484.9	5313.9
5444.1	40°	5240.4	5036.6	4861.0	4685.4	4934.2	5182.9	5659.1	6135.2	5886.0	5636.9
7046.7	42.5°	6676.0	6305.4	5922.4	5539.5	5682.8	5826.1	6298.5	6770.9	6411.3	6051.6
9025.9	45°	8416.8	7807.7	7194.1	6580.6	6643.9	6707.1	7131.5	7555.9	7070.8	6585.7
11239.3	47.5°	10347.8	9456.2	8571.3	7686.2	7699.1	7711.9	8124.8	8537.6	7854.9	7172.0
13444.1	50°	12267.2	11090.3	9949.6	8808.9	8806.8	8804.6	9314.4	9824.4	8795.1	7765.7
15578.9	52.5°	14122.9	12666.7	11304.2	9941.7	10004.2	10066.6	10684.0	11301.5	9782.7	8264.0
17671.9	55°	15935.9	14199.9	12683.6	11167.2	11410.5	11653.9	12264.0	12874.0	10658.4	8442.8
19658.4	57.5°	17692.2	15725.9	14194.8	12663.6	13151.6	13639.8	13972.2	14304.4	11278.9	8253.5
22097.0	60°	19991.7	17886.5	16437.5	14988.5	15594.7	16200.9	15684.8	15168.8	11434.0	7699.1
24073.6	62.5°	22070.8	20067.9	18740.4	17413.0	17481.4	17549.7	16139.8	14729.9	10781.0	6832.2
24279.6	65°	22337.5	20395.3	18708.3	17021.4	16759.7	16497.9	15174.6	13851.3	9857.1	5862.8
22852.9	67.5°	20902.4	18951.8	17194.3	15436.7	15314.0	15191.2	13932.7	12674.1	8757.6	4841.0
20608.1	70°	18929.7	17251.1	15679.4	14107.6	14052.6	13997.8	12628.7	11259.8	7557.8	3855.8
17768.9	72.5°	16511.8	15254.7	14025.0	12795.2	12755.9	12716.4	11145.4	9574.5	6257.2	2940.1
14669.6	75°	13784.6	12899.7	11942.9	10986.2	10840.2	10694.2	9068.4	7442.5	4766.3	2090.1
11480.9	77.5°	10853.2	10225.5	9498.2	8770.9	8562.0	8353.1	6835.2	5317.5	3336.0	1354.4
8310.8	80°	7981.3	7651.6	7102.6	6553.3	6293.6	6033.9	4757.2	3480.3	2149.3	818.3
5380.3	82.5°	5242.9	5105.4	4727.3	4349.2	4059.1	3769.0	2896.0	2023.1	1244.0	465.0
3087.5	85°	3009.4	2931.4	2620.8	2310.2	2063.4	1816.7	1353.4	890.1	559.6	229.2
1186.2	87.5°	1179.6	1173.0	1017.6	862.3	724.6	587.0	431.3	275.6	183.3	91.0
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°
3339.9	0°	3339.9	3339.9	3339.9	3339.9	3339.9	3339.9	3339.9	3339.9	3339.9	3339.9
3507.3	2.5°	3478.1	3448.6	3419.2	3391.0	3362.8	3335.5	3305.1	3280.5	3256.0	3233.8
3679.7	5°	3619.1	3558.0	3496.9	3439.9	3382.9	3329.1	3275.9	3229.5	3182.9	3144.0
3840.3	7.5°	3747.5	3657.2	3566.8	3487.2	3407.6	3334.2	3265.4	3203.6	3141.9	3090.7
3965.5	10°	3843.0	3733.3	3623.4	3529.4	3435.0	3344.4	3270.5	3205.4	3140.3	3089.0
4051.8	12.5°	3912.8	3783.4	3653.9	3547.4	3440.9	3345.7	3276.9	3223.6	3170.5	3136.4
4105.6	15°	3954.9	3805.8	3656.8	3533.5	3410.2	3304.7	3249.6	3224.1	3198.7	3203.3
4131.4	17.5°	3966.9	3793.9	3620.9	3472.6	3324.3	3200.2	3166.3	3175.6	3184.9	3240.7
4151.5	20°	3970.8	3761.1	3551.4	3367.6	3183.8	3039.4	3030.4	3074.0	3117.6	3214.6
4178.7	22.5°	3975.9	3720.8	3465.8	3244.5	3023.1	2858.7	2876.3	2940.7	3005.2	3115.9
4227.9	25°	3996.1	3681.1	3366.2	3106.9	2847.8	2679.3	2726.7	2801.0	2875.4	2974.9
4304.8	27.5°	4038.4	3654.6	3270.7	2981.2	2691.7	2538.3	2596.0	2667.7	2739.5	2821.4
4404.3	30°	4096.4	3642.2	3187.7	2876.1	2564.6	2435.8	2481.0	2537.9	2595.1	2663.0
4508.3	32.5°	4146.4	3626.8	3106.9	2785.5	2463.9	2360.1	2380.3	2414.0	2447.7	2501.9
4626.7	35°	4183.0	3597.8	3012.9	2696.4	2380.0	2293.5	2285.2	2294.4	2303.7	2345.1
4759.4	37.5°	4204.8	3548.2	2891.6	2591.6	2291.6	2216.0	2185.4	2175.2	2164.9	2194.7
4927.8	40°	4218.5	3479.9	2741.4	2466.5	2191.6	2123.0	2076.3	2053.1	2029.9	2051.3
5148.1	42.5°	4244.5	3409.4	2574.6	2328.5	2082.4	2019.2	1960.3	1929.5	1898.7	1916.2
5438.0	45°	4290.3	3343.9	2397.7	2181.9	1966.0	1901.9	1844.9	1814.9	1785.1	1799.7
5746.9	47.5°	4321.7	3289.8	2258.0	2065.9	1873.8	1791.1	1742.0	1716.9	1691.8	1705.6
6033.4	50°	4301.2	3230.9	2160.6	1988.8	1817.1	1708.4	1651.4	1629.1	1606.9	1628.4
6219.5	52.5°	4174.9	3131.3	2087.8	1938.1	1788.5	1663.6	1583.8	1561.8	1539.9	1572.3
6178.5	55°	3914.1	2966.2	2018.3	1901.3	1784.3	1668.1	1548.0	1513.1	1478.4	1524.4
5889.9	57.5°	3526.4	2733.5	1940.4	1857.7	1775.1	1672.5	1526.4	1475.7	1424.9	1474.4
5352.8	60°	3006.5	2431.3	1856.1	1791.1	1726.1	1658.4	1506.2	1440.4	1374.6	1418.0
4626.5	62.5°	2420.8	2069.6	1718.4	1675.2	1632.2	1623.8	1482.6	1400.3	1318.2	1345.7
3885.4	65°	1908.1	1744.2	1580.3	1559.9	1539.5	1540.5	1432.9	1345.5	1257.9	1268.6
3159.5	67.5°	1478.0	1431.5	1384.8	1396.2	1407.5	1404.7	1344.2	1271.4	1198.6	1195.3
2487.7	70°	1119.5	1132.8	1146.0	1198.8	1251.5	1251.5	1231.7	1179.9	1128.1	1116.6
1901.8	72.5°	863.6	903.7	943.9	1018.8	1093.5	1106.1	1106.3	1070.8	1035.3	1018.4
1380.3	75°	670.6	707.0	743.3	827.2	911.0	968.9	964.0	936.7	909.3	893.2
935.3	77.5°	516.2	541.0	565.8	647.2	728.6	824.1	821.5	799.6	777.7	761.3
602.6	80°	387.1	397.3	407.6	476.5	545.3	659.4	659.0	640.7	622.2	608.5
370.6	82.5°	276.6	278.4	280.4	331.2	381.9	479.3	484.7	475.7	466.8	457.0
198.1	85°	167.3	166.4	165.3	202.5	239.7	312.1	319.1	309.5	299.9	289.0
82.2	87.5°	73.3	72.4	71.5	86.6	101.9	132.0	141.0	137.1	133.3	131.2
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°
3339.9	0°	3339.9	3339.9	3339.9	3339.9	3339.9	3339.9	3339.9	3339.9	3339.9	3339.9
3211.8	2.5°	3192.4	3173.1	3153.6	3134.2	3119.2	3104.1	3091.9	3079.8	3070.3	3060.8
3105.2	5°	3070.8	3036.5	3005.3	2974.0	2950.1	2926.0	2909.2	2892.4	2880.5	2868.6
3039.4	7.5°	2996.2	2952.9	2914.7	2876.6	2848.1	2819.6	2799.6	2779.6	2765.9	2752.3
3037.7	10°	2991.2	2944.6	2901.6	2858.7	2824.6	2790.4	2768.1	2745.5	2732.6	2719.6
3102.6	12.5°	3065.9	3029.5	2985.1	2940.7	2897.1	2853.6	2824.7	2795.9	2781.4	2767.1
3207.9	15°	3198.5	3189.0	3150.4	3111.8	3049.8	2987.8	2943.9	2900.1	2880.0	2860.0
3296.6	17.5°	3326.4	3356.0	3324.8	3293.8	3211.7	3129.5	3064.9	3000.3	2970.6	2940.7
3311.8	20°	3373.9	3436.1	3421.7	3407.2	3313.3	3219.5	3140.3	3061.2	3023.1	2984.9
3226.9	22.5°	3307.8	3388.6	3397.4	3406.0	3316.2	3226.5	3145.0	3063.4	3023.3	2983.0
3074.6	25°	3154.2	3233.8	3263.6	3293.2	3219.6	3146.2	3073.6	3001.3	2966.5	2931.7
2903.2	27.5°	2967.0	3030.8	3063.9	3097.1	3044.7	2992.4	2936.1	2879.8	2856.5	2833.1
2730.9	30°	2783.8	2836.9	2863.8	2890.7	2850.9	2810.9	2770.6	2730.1	2718.2	2706.2
2556.2	32.5°	2607.0	2657.9	2687.7	2717.7	2681.1	2644.3	2612.1	2579.9	2572.1	2564.3
2386.4	35°	2436.6	2487.0	2522.9	2558.8	2532.6	2506.6	2476.9	2447.3	2435.4	2423.6
2224.3	37.5°	2274.4	2324.6	2369.0	2413.3	2401.3	2389.2	2361.9	2334.5	2312.8	2291.3
2072.7	40°	2121.1	2169.6	2220.6	2271.7	2274.6	2277.5	2254.3	2231.1	2199.5	2168.3
1933.7	42.5°	1979.6	2025.6	2080.7	2135.8	2150.6	2165.3	2145.7	2126.2	2087.1	2048.1
1814.5	45°	1858.1	1901.7	1958.9	2016.0	2037.2	2058.3	2040.6	2023.1	1978.3	1933.7
1719.3	47.5°	1762.0	1804.5	1860.9	1917.3	1941.7	1966.0	1953.7	1941.4	1901.7	1862.0
1650.1	50°	1690.4	1730.5	1781.0	1831.5	1862.7	1894.0	1893.2	1892.7	1860.9	1829.2
1604.6	52.5°	1641.5	1678.3	1725.3	1772.5	1809.5	1846.6	1853.2	1859.9	1834.0	1808.1
1570.3	55°	1610.0	1649.7	1691.0	1732.1	1771.4	1810.7	1819.9	1829.2	1806.6	1784.0
1523.9	57.5°	1570.5	1617.2	1657.9	1698.8	1738.4	1777.9	1787.2	1796.6	1773.8	1751.0
1461.3	60°	1514.9	1568.5	1609.9	1651.4	1691.1	1730.9	1741.1	1751.4	1729.1	1706.9
1373.3	62.5°	1435.7	1498.2	1542.5	1586.7	1623.1	1659.5	1669.3	1679.2	1659.1	1639.0
1279.1	65°	1346.0	1413.0	1455.3	1497.6	1529.6	1561.7	1571.8	1581.8	1562.4	1543.1
1191.9	67.5°	1253.7	1315.6	1355.7	1395.7	1423.4	1451.1	1460.9	1470.7	1452.9	1435.2
1105.0	70°	1159.4	1213.7	1248.3	1282.9	1307.9	1332.9	1342.4	1351.9	1337.4	1322.9
1001.6	72.5°	1044.4	1087.1	1118.4	1149.6	1174.1	1198.6	1209.9	1221.1	1209.1	1197.0
876.9	75°	908.7	940.5	968.8	997.1	1019.4	1041.7	1053.5	1065.3	1059.4	1053.5
744.9	77.5°	770.8	796.5	820.9	845.2	868.7	892.0	903.0	914.1	905.9	897.4
594.7	80°	616.2	637.6	658.1	678.6	696.4	714.1	728.7	743.3	739.8	736.3
447.3	82.5°	445.5	443.7	436.5	429.3	467.3	505.2	530.1	554.9	553.4	551.7
278.1	85°	268.9	259.5	239.7	219.8	255.3	290.9	321.7	352.5	349.9	347.3
129.2	87.5°	128.8	128.4	113.3	98.0	112.9	127.9	140.3	152.8	149.7	146.4
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):**

215°		220°	225°	230°	235°	240°	245°	250°	255°	260°	265°
3339.9	0°	3339.9	3339.9	3339.9	3339.9	3339.9	3339.9	3339.9	3339.9	3339.9	3339.9
3052.1	2.5°	3043.2	3032.4	3043.2	3052.1	3060.8	3070.3	3079.8	3091.9	3104.1	3119.2
2859.5	5°	2850.4	2841.4	2850.4	2859.5	2868.6	2880.5	2892.4	2909.2	2926.0	2950.1
2744.1	7.5°	2736.0	2729.9	2736.0	2744.1	2752.3	2765.9	2779.6	2799.6	2819.6	2848.1
2712.7	10°	2705.8	2703.0	2705.8	2712.7	2719.6	2732.6	2745.5	2768.1	2790.4	2824.6
2761.2	12.5°	2755.3	2754.2	2755.3	2761.2	2767.1	2781.4	2795.9	2824.7	2853.6	2897.1
2852.3	15°	2844.6	2844.0	2844.6	2852.3	2860.0	2880.0	2900.1	2943.9	2987.8	3049.8
2931.0	17.5°	2921.1	2919.6	2921.1	2931.0	2940.7	2970.6	3000.3	3064.9	3129.5	3211.7
2972.8	20°	2960.6	2956.7	2960.6	2972.8	2984.9	3023.1	3061.2	3140.3	3219.5	3313.3
2969.6	22.5°	2956.1	2950.3	2956.1	2969.6	2983.0	3023.3	3063.4	3145.0	3226.5	3316.2
2919.1	25°	2906.5	2899.1	2906.5	2919.1	2931.7	2966.5	3001.3	3073.6	3146.2	3219.6
2827.3	27.5°	2821.5	2819.6	2821.5	2827.3	2833.1	2856.5	2879.8	2936.1	2992.4	3044.7
2706.2	30°	2706.2	2708.1	2706.2	2706.2	2706.2	2718.2	2730.1	2770.6	2810.9	2850.9
2565.3	32.5°	2566.5	2568.4	2566.5	2565.3	2564.3	2572.1	2579.9	2612.1	2644.3	2681.1
2421.0	35°	2418.4	2417.2	2418.4	2421.0	2423.6	2435.4	2447.3	2476.9	2506.6	2532.6
2279.9	37.5°	2268.5	2262.1	2268.5	2279.9	2291.3	2312.8	2334.5	2361.9	2389.2	2401.3
2147.0	40°	2126.0	2113.4	2126.0	2147.0	2168.3	2199.5	2231.1	2254.3	2277.5	2274.6
2017.2	42.5°	1986.3	1966.0	1986.3	2017.2	2048.1	2087.1	2126.2	2145.7	2165.3	2150.6
1897.5	45°	1861.2	1837.9	1861.2	1897.5	1933.7	1978.3	2023.1	2040.6	2058.3	2037.2
1828.4	47.5°	1794.9	1772.5	1794.9	1828.4	1862.0	1901.7	1941.4	1953.7	1966.0	1941.7
1798.1	50°	1767.1	1745.6	1767.1	1798.1	1829.2	1860.9	1892.7	1893.2	1894.0	1862.7
1780.3	52.5°	1752.6	1732.8	1752.6	1780.3	1808.1	1834.0	1859.9	1853.2	1846.6	1809.5
1759.7	55°	1735.3	1717.4	1735.3	1759.7	1784.0	1806.6	1829.2	1819.9	1810.7	1771.4
1726.9	57.5°	1702.7	1684.1	1702.7	1726.9	1751.0	1773.8	1796.6	1787.2	1777.9	1738.4
1682.0	60°	1657.2	1637.9	1657.2	1682.0	1706.9	1729.1	1751.4	1741.1	1730.9	1691.1
1612.8	62.5°	1586.7	1563.6	1586.7	1612.8	1639.0	1659.1	1679.2	1669.3	1659.5	1623.1
1517.7	65°	1492.5	1472.6	1492.5	1517.7	1543.1	1562.4	1581.8	1571.8	1561.7	1529.6
1411.6	67.5°	1388.0	1370.1	1388.0	1411.6	1435.2	1452.9	1470.7	1460.9	1451.1	1423.4
1300.3	70°	1277.8	1257.3	1277.8	1300.3	1322.9	1337.4	1351.9	1342.4	1332.9	1307.9
1175.5	72.5°	1154.1	1134.2	1154.1	1175.5	1197.0	1209.1	1221.1	1209.9	1198.6	1174.1
1035.4	75°	1017.4	998.4	1017.4	1035.4	1053.5	1059.4	1065.3	1053.5	1041.7	1019.4
879.2	77.5°	861.0	845.9	861.0	879.2	897.4	905.9	914.1	903.0	892.0	868.7
711.8	80°	687.2	658.8	687.2	711.8	736.3	739.8	743.3	728.7	714.1	696.4
531.1	82.5°	510.3	492.1	510.3	531.1	551.7	553.4	554.9	530.1	505.2	467.3
331.2	85°	315.0	298.6	315.0	331.2	347.3	349.9	352.5	321.7	290.9	255.3
138.2	87.5°	129.7	121.8	129.7	138.2	146.4	149.7	152.8	140.3	127.9	112.9
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°
3339.9	0°	3339.9	3339.9	3339.9	3339.9	3339.9	3339.9	3339.9	3339.9	3339.9	3339.9
3134.2	2.5°	3153.6	3173.1	3192.4	3211.8	3233.8	3256.0	3280.5	3305.1	3335.5	3362.8
2974.0	5°	3005.3	3036.5	3070.8	3105.2	3144.0	3182.9	3229.5	3275.9	3329.1	3382.9
2876.6	7.5°	2914.7	2952.9	2996.2	3039.4	3090.7	3141.9	3203.6	3265.4	3334.2	3407.6
2858.7	10°	2901.6	2944.6	2991.2	3037.7	3089.0	3140.3	3205.4	3270.5	3344.4	3435.0
2940.7	12.5°	2985.1	3029.5	3065.9	3102.6	3136.4	3170.5	3223.6	3276.9	3345.7	3440.9
3111.8	15°	3150.4	3189.0	3198.5	3207.9	3203.3	3198.7	3224.1	3249.6	3304.7	3410.2
3293.8	17.5°	3324.8	3356.0	3326.4	3296.6	3240.7	3184.9	3175.6	3166.3	3200.2	3324.3
3407.2	20°	3421.7	3436.1	3373.9	3311.8	3214.6	3117.6	3074.0	3030.4	3039.4	3183.8
3406.0	22.5°	3397.4	3388.6	3307.8	3226.9	3115.9	3005.2	2940.7	2876.3	2858.7	3023.1
3293.2	25°	3263.6	3233.8	3154.2	3074.6	2974.9	2875.4	2801.0	2726.7	2679.3	2847.8
3097.1	27.5°	3063.9	3030.8	2967.0	2903.2	2821.4	2739.5	2667.7	2596.0	2538.3	2691.7
2890.7	30°	2863.8	2836.9	2783.8	2730.9	2663.0	2595.1	2537.9	2481.0	2435.8	2564.6
2717.7	32.5°	2687.7	2657.9	2607.0	2556.2	2501.9	2447.7	2414.0	2380.3	2360.1	2463.9
2558.8	35°	2522.9	2487.0	2436.6	2386.4	2345.1	2303.7	2294.4	2285.2	2293.5	2380.0
2413.3	37.5°	2369.0	2324.6	2274.4	2224.3	2194.7	2164.9	2175.2	2185.4	2216.0	2291.6
2271.7	40°	2220.6	2169.6	2121.1	2072.7	2051.3	2029.9	2053.1	2076.3	2123.0	2191.6
2135.8	42.5°	2080.7	2025.6	1979.6	1933.7	1916.2	1898.7	1929.5	1960.3	2019.2	2082.4
2016.0	45°	1958.9	1901.7	1858.1	1814.5	1799.7	1785.1	1814.9	1844.9	1901.9	1966.0
1917.3	47.5°	1860.9	1804.5	1762.0	1719.3	1705.6	1691.8	1716.9	1742.0	1791.1	1873.8
1831.5	50°	1781.0	1730.5	1690.4	1650.1	1628.4	1606.9	1629.1	1651.4	1708.4	1817.1
1772.5	52.5°	1725.3	1678.3	1641.5	1604.6	1572.3	1539.9	1561.8	1583.8	1663.6	1788.5
1732.1	55°	1691.0	1649.7	1610.0	1570.3	1524.4	1478.4	1513.1	1548.0	1668.1	1784.3
1698.8	57.5°	1657.9	1617.2	1570.5	1523.9	1474.4	1424.9	1475.7	1526.4	1672.5	1775.1
1651.4	60°	1609.9	1568.5	1514.9	1461.3	1418.0	1374.6	1440.4	1506.2	1658.4	1726.1
1586.7	62.5°	1542.5	1498.2	1435.7	1373.3	1345.7	1318.2	1400.3	1482.6	1623.8	1632.2
1497.6	65°	1455.3	1413.0	1346.0	1279.1	1268.6	1257.9	1345.5	1432.9	1540.5	1539.5
1395.7	67.5°	1355.7	1315.6	1253.7	1191.9	1195.3	1198.6	1271.4	1344.2	1404.7	1407.5
1282.9	70°	1248.3	1213.7	1159.4	1105.0	1116.6	1128.1	1179.9	1231.7	1251.5	1251.5
1149.6	72.5°	1118.4	1087.1	1044.4	1001.6	1018.4	1035.3	1070.8	1106.3	1106.1	1093.5
997.1	75°	968.8	940.5	908.7	876.9	893.2	909.3	936.7	964.0	968.9	911.0
845.2	77.5°	820.9	796.5	770.8	744.9	761.3	777.7	799.6	821.5	824.1	728.6
678.6	80°	658.1	637.6	616.2	594.7	608.5	622.2	640.7	659.0	659.4	545.3
429.3	82.5°	436.5	443.7	445.5	447.3	457.0	466.8	475.7	484.7	479.3	381.9
219.8	85°	239.7	259.5	268.9	278.1	289.0	299.9	309.5	319.1	312.1	239.7
98.0	87.5°	113.3	128.4	128.8	129.2	131.2	133.3	137.1	141.0	132.0	101.9
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°
3339.9	0°	3339.9	3339.9	3339.9	3339.9	3339.9	3339.9	3339.9
3391.0	2.5°	3419.2	3448.6	3478.1	3507.3	3536.7	3564.2	3591.8
3439.9	5°	3496.9	3558.0	3619.1	3679.7	3740.5	3801.3	3862.2
3487.2	7.5°	3566.8	3657.2	3747.5	3840.3	3933.1	4033.4	4133.9
3529.4	10°	3623.4	3733.3	3843.0	3965.5	4088.2	4215.2	4342.2
3547.4	12.5°	3653.9	3783.4	3912.8	4051.8	4190.7	4330.1	4469.7
3533.5	15°	3656.8	3805.8	3954.9	4105.6	4256.3	4401.8	4547.2
3472.6	17.5°	3620.9	3793.9	3966.9	4131.4	4295.8	4443.3	4590.8
3367.6	20°	3551.4	3761.1	3970.8	4151.5	4332.2	4485.6	4638.9
3244.5	22.5°	3465.8	3720.8	3975.9	4178.7	4381.3	4538.0	4694.6
3106.9	25°	3366.2	3681.1	3996.1	4227.9	4459.5	4612.9	4766.4
2981.2	27.5°	3270.7	3654.6	4038.4	4304.8	4571.0	4717.5	4863.8
2876.1	30°	3187.7	3642.2	4096.4	4404.3	4712.3	4853.7	4995.2
2785.5	32.5°	3106.9	3626.8	4146.4	4508.3	4870.2	5010.2	5150.3
2696.4	35°	3012.9	3597.8	4183.0	4626.7	5070.4	5204.6	5338.7
2591.6	37.5°	2891.6	3548.2	4204.8	4759.4	5313.9	5484.9	5655.9
2466.5	40°	2741.4	3479.9	4218.5	4927.8	5636.9	5886.0	6135.2
2328.5	42.5°	2574.6	3409.4	4244.5	5148.1	6051.6	6411.3	6770.9
2181.9	45°	2397.7	3343.9	4290.3	5438.0	6585.7	7070.8	7555.9
2065.9	47.5°	2258.0	3289.8	4321.7	5746.9	7172.0	7854.9	8537.6
1988.8	50°	2160.6	3230.9	4301.2	6033.4	7765.7	8795.1	9824.4
1938.1	52.5°	2087.8	3131.3	4174.9	6219.5	8264.0	9782.7	11301.5
1901.3	55°	2018.3	2966.2	3914.1	6178.5	8442.8	10658.4	12874.0
1857.7	57.5°	1940.4	2733.5	3526.4	5889.9	8253.5	11278.9	14304.4
1791.1	60°	1856.1	2431.3	3006.5	5352.8	7699.1	11434.0	15168.8
1675.2	62.5°	1718.4	2069.6	2420.8	4626.5	6832.2	10781.0	14729.9
1559.9	65°	1580.3	1744.2	1908.1	3885.4	5862.8	9857.1	13851.3
1396.2	67.5°	1384.8	1431.5	1478.0	3159.5	4841.0	8757.6	12674.1
1198.8	70°	1146.0	1132.8	1119.5	2487.7	3855.8	7557.8	11259.8
1018.8	72.5°	943.9	903.7	863.6	1901.8	2940.1	6257.2	9574.5
827.2	75°	743.3	707.0	670.6	1380.3	2090.1	4766.3	7442.5
647.2	77.5°	565.8	541.0	516.2	935.3	1354.4	3336.0	5317.5
476.5	80°	407.6	397.3	387.1	602.6	818.3	2149.3	3480.3
331.2	82.5°	280.4	278.4	276.6	370.6	465.0	1244.0	2023.1
202.5	85°	165.3	166.4	167.3	198.1	229.2	559.6	890.1
86.6	87.5°	71.5	72.4	73.3	82.2	91.0	183.3	275.6
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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