

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: P950972

Luminaire Tested: **GALN-SB5B-735-U-SLL**

Issue Date: 1/21/2025

**Test Information**

Test Method: LM-79-08  
Report Number: P950972  
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-SB5B-735-U-SLL  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(5) 70 CRI, 3500K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT  
ELIMINATOR LEFT OPTICS  
Light Source: -  
Ballast/Driver: -

**Summary**

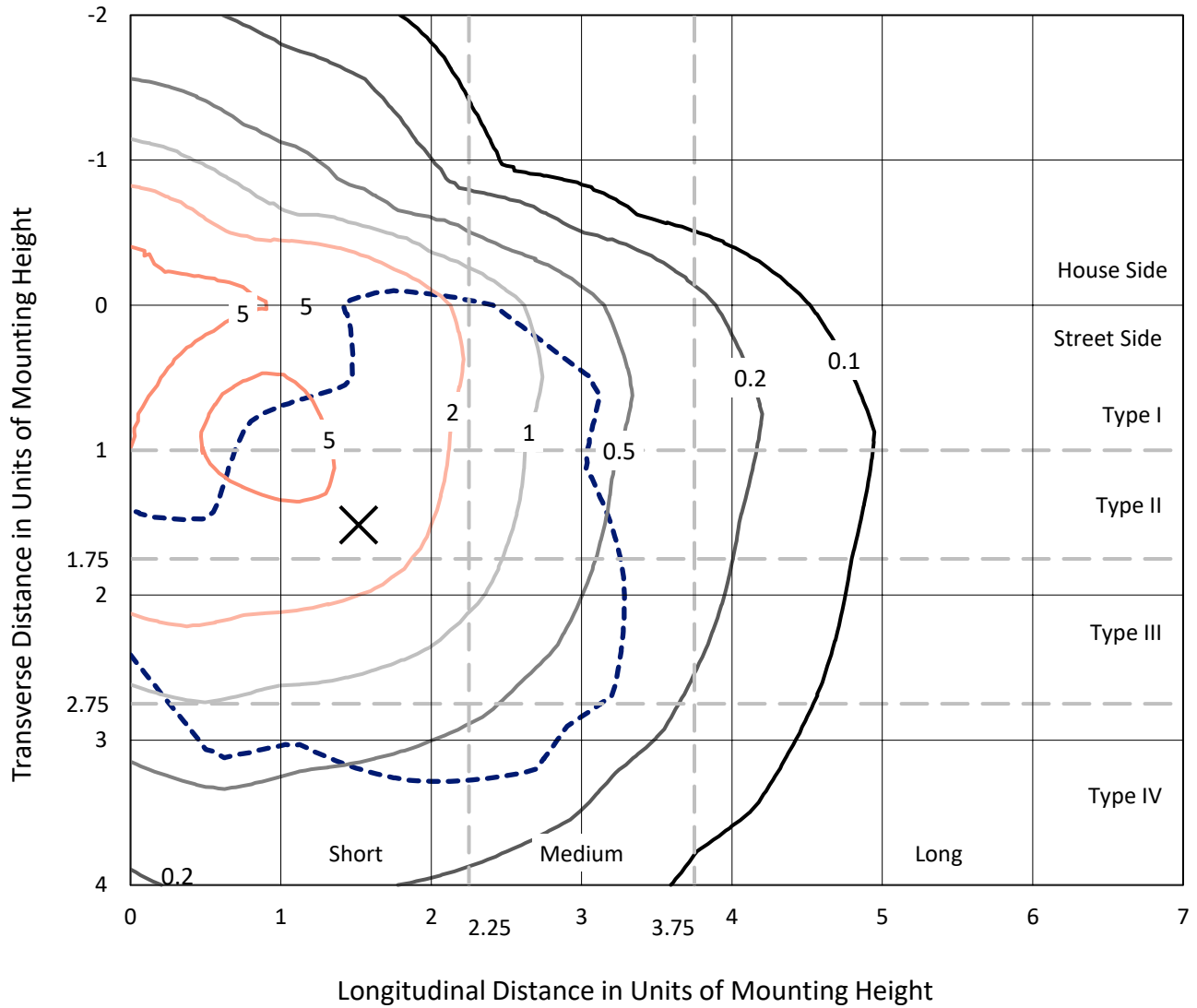
Lumens per Lamp: N/A  
Luminaire Lumens: 28343 lumens  
Efficiency: N/A  
Efficacy: 155.1 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B3 - U0 - G5  
  
Input Watts (W): 182.7  
Input Voltage (V): NR  
Input Current (Ain): NR  
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

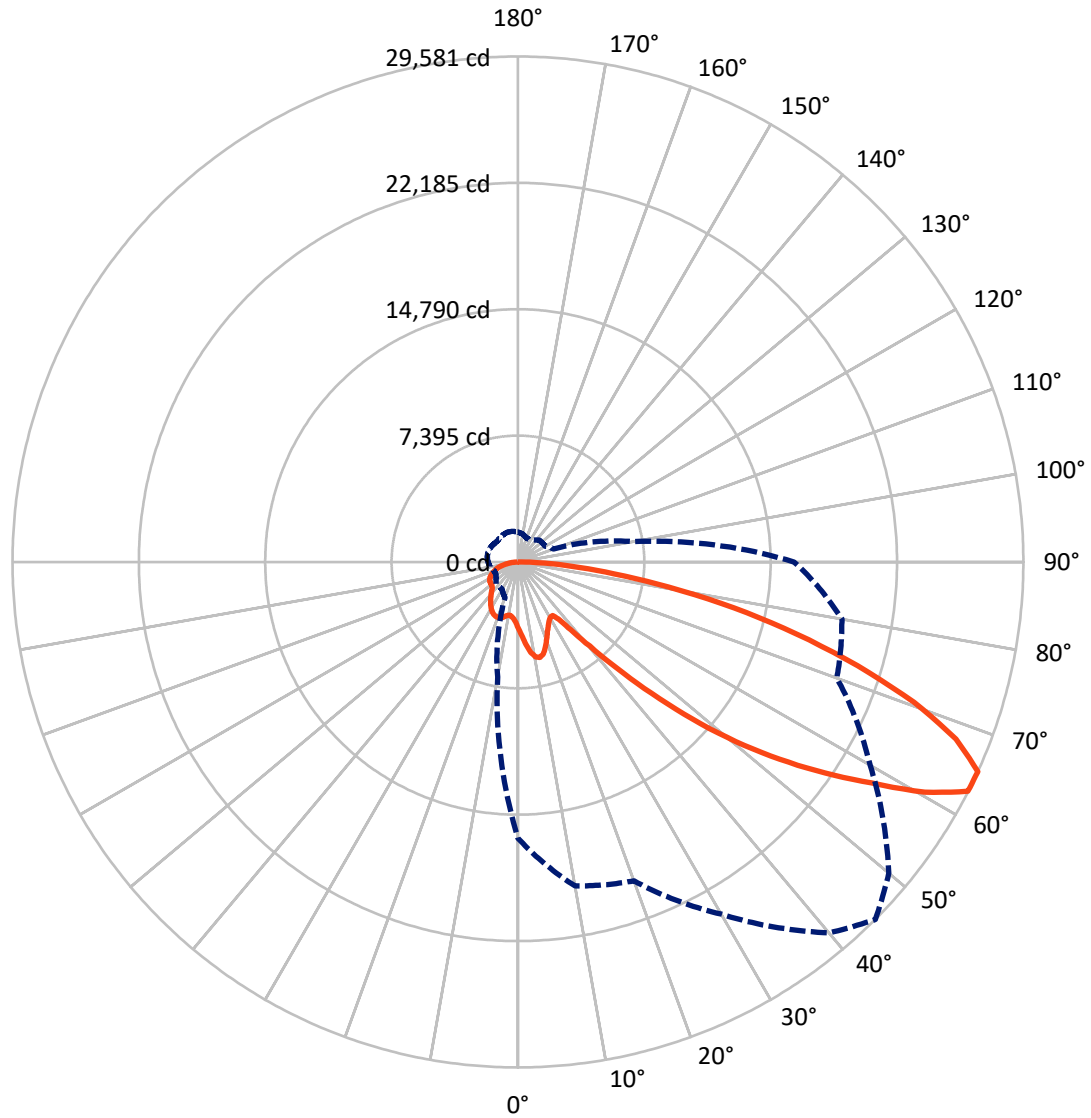
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 8.6 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	7203.4	0.0	7203.4
	% Fixture	25.4	0.0	25.4
<b>Street Side</b>	Lumens	21139.6	0.0	21139.6
	% Fixture	74.6	0.0	74.6
<b>Total</b>	Lumens	28343.0	0.0	28343.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	386.6	1.4
10°-20°	1213.7	4.3
20°-30°	1874.7	6.6
30°-40°	2375.7	8.4
40°-50°	3583.2	12.6
50°-60°	5789.2	20.4
60°-70°	7217.2	25.5
70°-80°	4732.7	16.7
80°-90°	1170.0	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°	28343.0	100.0
0°-180°	28343.0	100.0

**Coefficient of Utilization**



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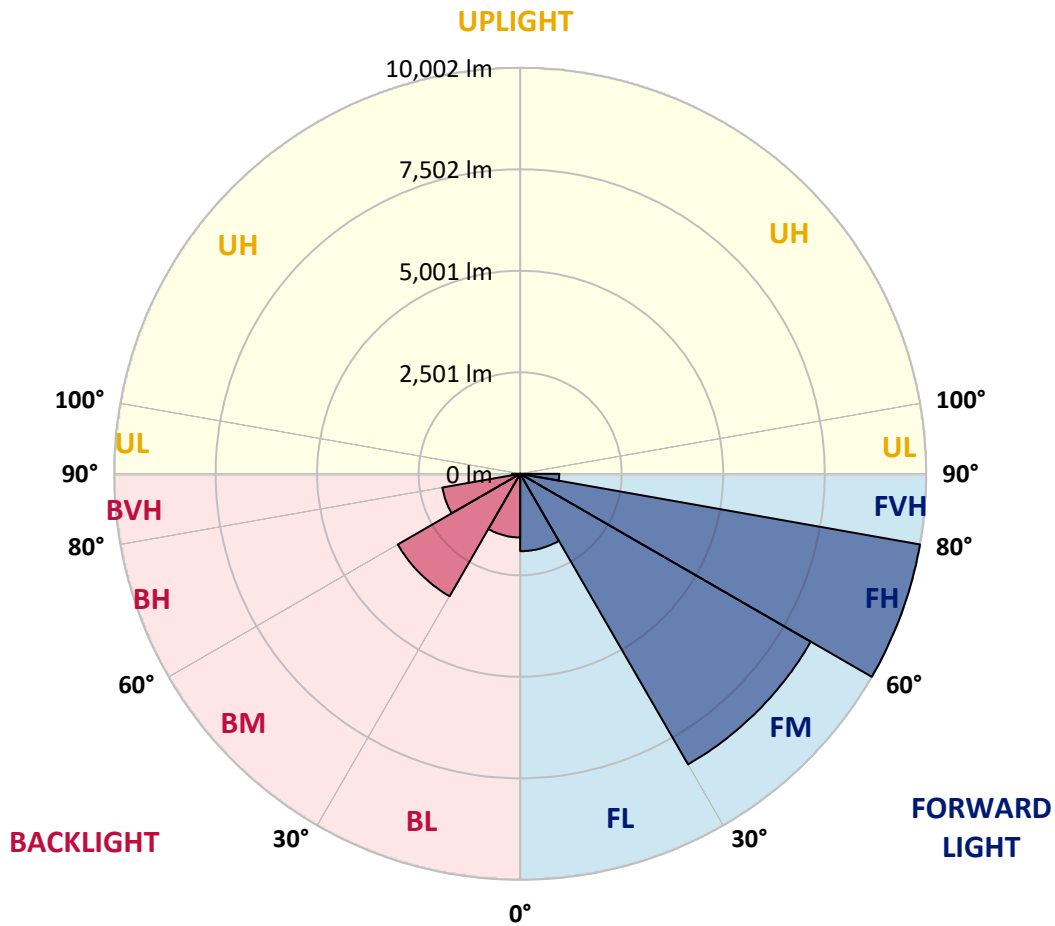
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1906.4	6.7			
FM (30°-60°)	8267.0	29.2			
FH (60°-80°)	10002.4	35.3			G4/12000
FVH (80°-90°)	963.8	3.4			G5
BL (0°-30°)	1568.6	5.5	B3/2500		
BM (30°-60°)	3481.1	12.3	B3/5000		
BH (60°-80°)	1947.5	6.9	B3/2500		G3/2500
BVH (80°-90°)	206.2	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°	3897.4	3897.4	3897.4	3897.4	3897.4	3897.4	3897.4	3897.4	3897.4	3897.4
2.5°	4191.3	4207.1	4223.1	4245.7	4268.3	4281.8	4295.2	4302.0	4308.7	4305.7
5°	4506.8	4562.3	4618.0	4673.0	4728.2	4758.1	4788.0	4806.1	4824.3	4838.1
7.5°	4823.9	4914.2	5004.4	5085.6	5166.8	5215.7	5264.6	5291.1	5317.4	5330.1
10°	5066.9	5173.7	5280.5	5375.8	5471.0	5528.8	5586.2	5611.9	5637.5	5647.2
12.5°	5215.7	5331.5	5447.1	5533.2	5619.1	5661.0	5702.8	5716.9	5731.0	5732.4
15°	5306.2	5406.1	5505.9	5559.9	5614.0	5615.5	5617.0	5602.0	5587.1	5569.4
17.5°	5357.1	5424.5	5492.0	5493.0	5493.9	5433.3	5372.8	5317.3	5261.6	5222.5
20°	5413.1	5436.6	5460.3	5389.2	5318.2	5184.5	5050.8	4953.4	4856.1	4796.2
22.5°	5478.2	5447.4	5416.6	5269.4	5122.3	4925.6	4728.9	4607.2	4485.5	4419.4
25°	5562.0	5464.7	5367.5	5144.1	4920.7	4681.8	4443.0	4315.0	4187.2	4124.7
27.5°	5675.6	5501.8	5327.9	5031.9	4736.1	4471.4	4206.7	4080.8	3955.0	3895.9
30°	5828.9	5569.7	5310.7	4946.4	4582.1	4306.3	4030.5	3913.7	3796.9	3741.9
32.5°	6009.9	5655.0	5300.2	4888.1	4475.9	4216.7	3957.5	3865.9	3774.0	3734.4
35°	6229.7	5795.4	5361.3	4931.7	4502.4	4322.3	4142.4	4121.0	4099.6	4096.3
37.5°	6599.9	6089.0	5578.1	5187.8	4797.4	4785.8	4774.1	4871.9	4969.7	5020.6
40°	7159.2	6603.6	6048.0	5757.7	5467.4	5672.3	5877.2	6115.0	6352.8	6471.3
42.5°	7901.0	7349.7	6798.5	6631.3	6464.1	6910.9	7357.8	7790.3	8222.8	8476.8
45°	8817.0	8321.8	7826.5	7752.8	7678.9	8394.8	9110.9	9821.6	10532.4	10963.9
47.5°	9962.6	9480.9	8999.0	8984.1	8969.1	10001.9	11034.5	12074.9	13115.2	13726.2
50°	11464.1	10869.1	10274.1	10276.7	10279.2	11610.3	12941.3	14314.7	15688.0	16518.4
52.5°	13187.8	12467.2	11746.8	11674.0	11601.0	13190.9	14780.8	16480.1	18179.2	19174.5
55°	15022.8	14310.9	13599.0	13315.0	13031.0	14800.6	16570.0	18595.7	20621.4	21805.1
57.5°	16691.8	16304.2	15916.4	15346.7	14777.2	16564.0	18350.7	20645.2	22939.5	24407.4
60°	17700.6	18302.7	18905.0	18197.6	17490.2	19181.0	20871.9	23328.5	25785.1	27371.6
62.5°	17188.4	18833.6	20478.9	20399.2	20319.3	21868.2	23417.3	25754.6	28091.7	29558.1
65°	16163.2	17707.3	19251.5	19557.0	19862.4	21830.9	23799.5	26065.8	28332.0	29580.5
67.5°	14789.5	16258.1	17726.8	17870.0	18013.2	20064.2	22115.0	24391.1	26667.2	27645.3
70°	13139.2	14736.6	16334.1	16398.1	16462.3	18296.4	20130.4	22089.1	24047.7	24591.3
72.5°	11172.5	13005.6	14838.9	14884.9	14930.8	16365.8	17800.8	19267.8	20734.6	20789.7
75°	8684.7	10581.9	12479.2	12649.5	12819.9	13936.3	15052.7	16085.4	17118.1	16841.4
77.5°	6205.0	7976.1	9747.3	9991.0	10234.8	11083.5	11932.3	12664.6	13397.1	12921.6
80°	4061.2	5551.2	7041.1	7344.1	7647.1	8288.0	8928.7	9313.4	9697.9	8932.9
82.5°	2360.7	3379.3	4398.1	4736.6	5075.2	5516.3	5957.5	6118.0	6278.3	5677.1
85°	1038.7	1579.3	2119.9	2407.8	2695.7	3058.3	3420.6	3511.7	3602.8	3121.2
87.5°	321.5	503.3	685.0	845.6	1006.2	1187.5	1368.7	1376.5	1384.1	1162.0
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):**

50°		55°	60°	65°	70°	75°	80°	85°	90°	95°	100°
3897.4	0°	3897.4	3897.4	3897.4	3897.4	3897.4	3897.4	3897.4	3897.4	3897.4	3897.4
4308.7	2.5°	4302.0	4295.2	4281.8	4268.3	4245.7	4223.1	4207.1	4191.3	4159.1	4127.0
4824.3	5°	4806.1	4788.0	4758.1	4728.2	4673.0	4618.0	4562.3	4506.8	4435.8	4364.8
5317.4	7.5°	5291.1	5264.6	5215.7	5166.8	5085.6	5004.4	4914.2	4823.9	4706.6	4589.5
5637.5	10°	5611.9	5586.2	5528.8	5471.0	5375.8	5280.5	5173.7	5066.9	4918.7	4770.5
5731.0	12.5°	5716.9	5702.8	5661.0	5619.1	5533.2	5447.1	5331.5	5215.7	5052.9	4890.2
5587.1	15°	5602.0	5617.0	5615.5	5614.0	5559.9	5505.9	5406.1	5306.2	5136.5	4966.7
5261.6	17.5°	5317.3	5372.8	5433.3	5493.9	5493.0	5492.0	5424.5	5357.1	5184.9	5012.8
4856.1	20°	4953.4	5050.8	5184.5	5318.2	5389.2	5460.3	5436.6	5413.1	5234.3	5055.3
4485.5	22.5°	4607.2	4728.9	4925.6	5122.3	5269.4	5416.6	5447.4	5478.2	5295.4	5112.5
4187.2	25°	4315.0	4443.0	4681.8	4920.7	5144.1	5367.5	5464.7	5562.0	5382.8	5203.8
3955.0	27.5°	4080.8	4206.7	4471.4	4736.1	5031.9	5327.9	5501.8	5675.6	5504.8	5333.9
3796.9	30°	3913.7	4030.5	4306.3	4582.1	4946.4	5310.7	5569.7	5828.9	5663.8	5498.8
3774.0	32.5°	3865.9	3957.5	4216.7	4475.9	4888.1	5300.2	5655.0	6009.9	5846.4	5683.1
4099.6	35°	4121.0	4142.4	4322.3	4502.4	4931.7	5361.3	5795.4	6229.7	6073.3	5916.7
4969.7	37.5°	4871.9	4774.1	4785.8	4797.4	5187.8	5578.1	6089.0	6599.9	6400.4	6200.9
6352.8	40°	6115.0	5877.2	5672.3	5467.4	5757.7	6048.0	6603.6	7159.2	6868.5	6577.7
8222.8	42.5°	7790.3	7357.8	6910.9	6464.1	6631.3	6798.5	7349.7	7901.0	7481.3	7061.7
10532.4	45°	9821.6	9110.9	8394.8	7678.9	7752.8	7826.5	8321.8	8817.0	8251.0	7684.9
13115.2	47.5°	12074.9	11034.5	10001.9	8969.1	8984.1	8999.0	9480.9	9962.6	9165.9	8369.1
15688.0	50°	14314.7	12941.3	11610.3	10279.2	10276.7	10274.1	10869.1	11464.1	10263.1	9061.8
18179.2	52.5°	16480.1	14780.8	13190.9	11601.0	11674.0	11746.8	12467.2	13187.8	11415.5	9643.3
20621.4	55°	18595.7	16570.0	14800.6	13031.0	13315.0	13599.0	14310.9	15022.8	12437.3	9851.9
22939.5	57.5°	20645.2	18350.7	16564.0	14777.2	15346.7	15916.4	16304.2	16691.8	13161.4	9631.1
25785.1	60°	23328.5	20871.9	19181.0	17490.2	18197.6	18905.0	18302.7	17700.6	13342.4	8984.1
28091.7	62.5°	25754.6	23417.3	21868.2	20319.3	20399.2	20478.9	18833.6	17188.4	12580.4	7972.5
28332.0	65°	26065.8	23799.5	21830.9	19862.4	19557.0	19251.5	17707.3	16163.2	11502.3	6841.4
26667.2	67.5°	24391.1	22115.0	20064.2	18013.2	17870.0	17726.8	16258.1	14789.5	10219.3	5649.0
24047.7	70°	22089.1	20130.4	18296.4	16462.3	16398.1	16334.1	14736.6	13139.2	8819.3	4499.4
20734.6	72.5°	19267.8	17800.8	16365.8	14930.8	14884.9	14838.9	13005.6	11172.5	7301.6	3430.8
17118.1	75°	16085.4	15052.7	13936.3	12819.9	12649.5	12479.2	10581.9	8684.7	5561.8	2438.9
13397.1	77.5°	12664.6	11932.3	11083.5	10234.8	9991.0	9747.3	7976.1	6205.0	3892.8	1580.5
9697.9	80°	9313.4	8928.7	8288.0	7647.1	7344.1	7041.1	5551.2	4061.2	2508.0	954.9
6278.3	82.5°	6118.0	5957.5	5516.3	5075.2	4736.6	4398.1	3379.3	2360.7	1451.6	542.6
3602.8	85°	3511.7	3420.6	3058.3	2695.7	2407.8	2119.9	1579.3	1038.7	653.0	267.4
1384.1	87.5°	1376.5	1368.7	1187.5	1006.2	845.6	685.0	503.3	321.5	213.9	106.2
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):**

105°		110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
3897.4	0°	3897.4	3897.4	3897.4	3897.4	3897.4	3897.4	3897.4	3897.4	3897.4	3897.4
4092.7	2.5°	4058.6	4024.2	3989.8	3956.9	3924.0	3892.2	3856.7	3828.0	3799.4	3773.6
4293.9	5°	4223.1	4151.8	4080.6	4014.1	3947.5	3884.7	3822.6	3768.5	3714.2	3668.7
4481.3	7.5°	4373.0	4267.6	4162.1	4069.2	3976.4	3890.7	3810.4	3738.3	3666.3	3606.5
4627.4	10°	4484.4	4356.4	4228.2	4118.4	4008.4	3902.6	3816.3	3740.4	3664.4	3604.6
4728.0	12.5°	4565.9	4414.9	4263.8	4139.5	4015.3	3904.1	3823.8	3761.6	3699.7	3659.9
4790.8	15°	4615.0	4441.0	4267.1	4123.2	3979.4	3856.3	3792.0	3762.2	3732.6	3738.0
4820.9	17.5°	4629.0	4427.1	4225.2	4052.2	3879.2	3734.4	3694.8	3705.7	3716.4	3781.7
4844.4	20°	4633.5	4388.8	4144.2	3929.7	3715.2	3546.7	3536.2	3587.1	3637.9	3751.1
4876.1	22.5°	4639.5	4341.9	4044.3	3786.0	3527.7	3335.8	3356.3	3431.5	3506.8	3636.0
4933.5	25°	4663.1	4295.5	3928.1	3625.5	3323.1	3126.4	3181.8	3268.5	3355.3	3471.5
5023.3	27.5°	4712.5	4264.6	3816.6	3478.8	3141.0	2961.9	3029.2	3113.0	3196.7	3292.3
5139.5	30°	4780.1	4250.1	3719.7	3356.2	2992.6	2842.3	2895.1	2961.5	3028.2	3107.5
5260.8	32.5°	4838.4	4232.1	3625.5	3250.4	2875.2	2754.1	2777.5	2816.9	2856.2	2919.5
5398.9	35°	4881.2	4198.3	3515.7	3146.5	2777.2	2676.3	2666.6	2677.3	2688.3	2736.6
5553.7	37.5°	4906.6	4140.4	3374.3	3024.2	2674.0	2585.8	2550.2	2538.2	2526.3	2561.0
5750.2	40°	4922.6	4060.7	3199.0	2878.2	2557.4	2477.4	2422.8	2395.7	2368.7	2393.6
6007.3	42.5°	4953.0	3978.5	3004.3	2717.1	2430.0	2356.2	2287.4	2251.6	2215.7	2236.0
6345.6	45°	5006.4	3902.0	2797.9	2546.0	2294.2	2219.4	2152.8	2117.9	2083.0	2100.1
6706.1	47.5°	5043.0	3838.9	2634.9	2410.7	2186.5	2090.0	2032.8	2003.4	1974.1	1990.3
7040.5	50°	5019.1	3770.1	2521.2	2320.8	2120.4	1993.6	1927.0	1901.0	1875.1	1900.2
7257.6	52.5°	4871.8	3653.9	2436.3	2261.6	2087.0	1941.2	1848.2	1822.5	1796.9	1834.7
7209.8	55°	4567.4	3461.3	2355.2	2218.7	2082.1	1946.5	1806.3	1765.6	1725.1	1778.8
6873.0	57.5°	4115.0	3189.7	2264.3	2167.8	2071.3	1951.7	1781.2	1722.0	1662.8	1720.5
6246.2	60°	3508.3	2837.1	2165.9	2090.0	2014.2	1935.2	1757.6	1680.9	1604.0	1654.7
5398.6	62.5°	2824.8	2415.0	2005.2	1954.8	1904.6	1894.9	1730.1	1634.0	1538.2	1570.3
4533.9	65°	2226.6	2035.3	1844.0	1820.2	1796.5	1797.7	1672.0	1570.0	1467.9	1480.3
3686.8	67.5°	1724.7	1670.4	1615.9	1629.3	1642.4	1639.1	1568.5	1483.6	1398.6	1394.8
2902.9	70°	1306.4	1321.9	1337.3	1398.9	1460.4	1460.4	1437.2	1376.8	1316.4	1302.9
2219.2	72.5°	1007.7	1054.5	1101.5	1188.8	1276.0	1290.7	1291.0	1249.5	1208.1	1188.4
1610.7	75°	782.5	824.9	867.4	965.2	1063.0	1130.6	1125.0	1093.1	1061.1	1042.2
1091.5	77.5°	602.4	631.3	660.3	755.3	850.2	961.6	958.6	933.1	907.5	888.4
703.2	80°	451.7	463.6	475.6	556.0	636.4	769.5	769.0	747.6	726.1	710.1
432.5	82.5°	322.7	324.8	327.2	386.5	445.7	559.3	565.6	555.1	544.7	533.3
231.2	85°	195.2	194.1	192.9	236.3	279.7	364.2	372.4	361.2	350.0	337.2
95.9	87.5°	85.5	84.5	83.5	101.1	118.9	154.0	164.5	160.0	155.5	153.1
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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**CANDELA DISTRIBUTION (continued):**

160°		165°	170°	175°	180°	185°	190°	195°	200°	205°	210°
3897.4	0°	3897.4	3897.4	3897.4	3897.4	3897.4	3897.4	3897.4	3897.4	3897.4	3897.4
3747.9	2.5°	3725.3	3702.7	3680.0	3657.4	3639.9	3622.2	3608.0	3593.8	3582.7	3571.7
3623.4	5°	3583.3	3543.3	3506.9	3470.4	3442.5	3414.3	3394.8	3375.2	3361.3	3347.3
3546.7	7.5°	3496.3	3445.8	3401.2	3356.8	3323.4	3290.2	3266.9	3243.6	3227.5	3211.7
3544.8	10°	3490.5	3436.0	3385.9	3335.8	3296.0	3256.1	3230.1	3203.8	3188.7	3173.6
3620.4	12.5°	3577.7	3535.2	3483.3	3431.5	3380.7	3329.8	3296.2	3262.5	3245.6	3228.9
3743.4	15°	3732.3	3721.2	3676.2	3631.2	3558.8	3486.4	3435.3	3384.1	3360.7	3337.3
3846.9	17.5°	3881.6	3916.1	3879.8	3843.6	3747.7	3651.8	3576.5	3501.1	3466.4	3431.5
3864.5	20°	3937.0	4009.6	3992.8	3975.9	3866.3	3756.8	3664.4	3572.1	3527.7	3483.1
3765.5	22.5°	3859.9	3954.2	3964.4	3974.4	3869.7	3765.1	3669.9	3574.7	3527.9	3480.9
3587.8	25°	3680.7	3773.6	3808.3	3842.8	3757.0	3671.3	3586.6	3502.3	3461.6	3421.1
3387.7	27.5°	3462.2	3536.7	3575.3	3614.0	3552.8	3491.8	3426.2	3360.5	3333.3	3305.9
3186.7	30°	3248.5	3310.4	3341.8	3373.2	3326.7	3280.0	3233.1	3185.8	3171.9	3157.9
2982.9	32.5°	3042.1	3101.5	3136.3	3171.3	3128.5	3085.6	3048.1	3010.5	3001.4	2992.3
2784.7	35°	2843.3	2902.1	2944.0	2985.9	2955.4	2925.0	2890.3	2855.8	2841.8	2828.1
2595.5	37.5°	2654.0	2712.6	2764.4	2816.1	2802.1	2788.0	2756.2	2724.1	2698.9	2673.7
2418.6	40°	2475.1	2531.7	2591.2	2650.9	2654.3	2657.6	2630.5	2603.5	2566.7	2530.2
2256.5	42.5°	2310.0	2363.7	2428.0	2492.3	2509.5	2526.7	2503.9	2481.1	2435.5	2389.9
2117.4	45°	2168.3	2219.1	2285.8	2352.5	2377.2	2401.9	2381.2	2360.7	2308.5	2256.5
2006.3	47.5°	2056.1	2105.7	2171.5	2237.3	2265.8	2294.2	2279.8	2265.5	2219.1	2172.7
1925.5	50°	1972.5	2019.3	2078.2	2137.1	2173.6	2210.1	2209.2	2208.6	2171.5	2134.5
1872.4	52.5°	1915.5	1958.4	2013.3	2068.3	2111.6	2154.8	2162.6	2170.3	2140.1	2109.9
1832.3	55°	1878.7	1925.1	1973.2	2021.2	2067.0	2112.9	2123.7	2134.5	2108.1	2081.8
1778.2	57.5°	1832.6	1887.1	1934.6	1982.4	2028.6	2074.6	2085.5	2096.5	2069.8	2043.2
1705.2	60°	1767.7	1830.3	1878.6	1927.0	1973.4	2019.7	2031.7	2043.7	2017.6	1991.8
1602.5	62.5°	1675.3	1748.3	1799.9	1851.5	1894.0	1936.4	1948.0	1959.5	1936.0	1912.5
1492.6	65°	1570.6	1648.8	1698.2	1747.6	1784.9	1822.3	1834.1	1845.8	1823.2	1800.6
1390.9	67.5°	1462.9	1535.2	1582.0	1628.7	1661.0	1693.3	1704.8	1716.1	1695.4	1674.7
1289.5	70°	1352.9	1416.3	1456.7	1497.0	1526.2	1555.4	1566.4	1577.5	1560.6	1543.7
1168.8	72.5°	1218.7	1268.5	1305.0	1341.5	1370.1	1398.6	1411.8	1425.0	1410.9	1396.8
1023.3	75°	1060.3	1097.4	1130.5	1163.5	1189.6	1215.6	1229.3	1243.1	1236.2	1229.3
869.2	77.5°	899.4	929.5	957.9	986.3	1013.7	1040.9	1053.8	1066.6	1057.1	1047.2
693.9	80°	719.1	744.0	768.0	791.9	812.7	833.3	850.4	867.4	863.2	859.2
521.9	82.5°	519.9	517.8	509.4	501.0	545.3	589.5	618.6	647.6	645.8	643.8
324.5	85°	313.8	302.8	279.7	256.5	297.9	339.5	375.4	411.3	408.3	405.3
150.8	87.5°	150.3	149.9	132.2	114.4	131.8	149.3	163.8	178.3	174.7	170.8
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°
3897.4	0°	3897.4	3897.4	3897.4	3897.4	3897.4	3897.4	3897.4	3897.4	3897.4	3897.4
3561.5	2.5°	3551.2	3538.5	3551.2	3561.5	3571.7	3582.7	3593.8	3608.0	3622.2	3639.9
3336.7	5°	3326.1	3315.6	3326.1	3336.7	3347.3	3361.3	3375.2	3394.8	3414.3	3442.5
3202.1	7.5°	3192.7	3185.5	3192.7	3202.1	3211.7	3227.5	3243.6	3266.9	3290.2	3323.4
3165.5	10°	3157.4	3154.1	3157.4	3165.5	3173.6	3188.7	3203.8	3230.1	3256.1	3296.0
3222.0	12.5°	3215.1	3213.9	3215.1	3222.0	3228.9	3245.6	3262.5	3296.2	3329.8	3380.7
3328.3	15°	3319.4	3318.6	3319.4	3328.3	3337.3	3360.7	3384.1	3435.3	3486.4	3558.8
3420.2	17.5°	3408.7	3406.9	3408.7	3420.2	3431.5	3466.4	3501.1	3576.5	3651.8	3747.7
3468.9	20°	3454.7	3450.2	3454.7	3468.9	3483.1	3527.7	3572.1	3664.4	3756.8	3866.3
3465.2	22.5°	3449.5	3442.8	3449.5	3465.2	3480.9	3527.9	3574.7	3669.9	3765.1	3869.7
3406.3	25°	3391.6	3382.9	3391.6	3406.3	3421.1	3461.6	3502.3	3586.6	3671.3	3757.0
3299.2	27.5°	3292.5	3290.2	3292.5	3299.2	3305.9	3333.3	3360.5	3426.2	3491.8	3552.8
3157.9	30°	3157.9	3160.1	3157.9	3157.9	3157.9	3171.9	3185.8	3233.1	3280.0	3326.7
2993.5	32.5°	2994.8	2997.1	2994.8	2993.5	2992.3	3001.4	3010.5	3048.1	3085.6	3128.5
2825.1	35°	2822.1	2820.6	2822.1	2825.1	2828.1	2841.8	2855.8	2890.3	2925.0	2955.4
2660.4	37.5°	2647.1	2639.6	2647.1	2660.4	2673.7	2698.9	2724.1	2756.2	2788.0	2802.1
2505.3	40°	2480.8	2466.2	2480.8	2505.3	2530.2	2566.7	2603.5	2630.5	2657.6	2654.3
2353.8	42.5°	2317.8	2294.2	2317.8	2353.8	2389.9	2435.5	2481.1	2503.9	2526.7	2509.5
2214.2	45°	2171.8	2144.6	2171.8	2214.2	2256.5	2308.5	2360.7	2381.2	2401.9	2377.2
2133.6	47.5°	2094.5	2068.3	2094.5	2133.6	2172.7	2219.1	2265.5	2279.8	2294.2	2265.8
2098.3	50°	2062.1	2036.9	2062.1	2098.3	2134.5	2171.5	2208.6	2209.2	2210.1	2173.6
2077.5	52.5°	2045.2	2022.0	2045.2	2077.5	2109.9	2140.1	2170.3	2162.6	2154.8	2111.6
2053.4	55°	2025.0	2004.0	2025.0	2053.4	2081.8	2108.1	2134.5	2123.7	2112.9	2067.0
2015.1	57.5°	1986.8	1965.2	1986.8	2015.1	2043.2	2069.8	2096.5	2085.5	2074.6	2028.6
1962.8	60°	1933.7	1911.3	1933.7	1962.8	1991.8	2017.6	2043.7	2031.7	2019.7	1973.4
1882.0	62.5°	1851.5	1824.6	1851.5	1882.0	1912.5	1936.0	1959.5	1948.0	1936.4	1894.0
1771.0	65°	1741.6	1718.4	1741.6	1771.0	1800.6	1823.2	1845.8	1834.1	1822.3	1784.9
1647.2	67.5°	1619.7	1598.7	1619.7	1647.2	1674.7	1695.4	1716.1	1704.8	1693.3	1661.0
1517.4	70°	1491.1	1467.1	1491.1	1517.4	1543.7	1560.6	1577.5	1566.4	1555.4	1526.2
1371.7	72.5°	1346.7	1323.6	1346.7	1371.7	1396.8	1410.9	1425.0	1411.8	1398.6	1370.1
1208.3	75°	1187.2	1165.0	1187.2	1208.3	1229.3	1236.2	1243.1	1229.3	1215.6	1189.6
1025.9	77.5°	1004.7	987.1	1004.7	1025.9	1047.2	1057.1	1066.6	1053.8	1040.9	1013.7
830.6	80°	801.9	768.7	801.9	830.6	859.2	863.2	867.4	850.4	833.3	812.7
619.8	82.5°	595.5	574.3	595.5	619.8	643.8	645.8	647.6	618.6	589.5	545.3
386.5	85°	367.6	348.5	367.6	386.5	405.3	408.3	411.3	375.4	339.5	297.9
161.2	87.5°	151.3	142.1	151.3	161.2	170.8	174.7	178.3	163.8	149.3	131.8
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):**

270°		275°	280°	285°	290°	295°	300°	305°	310°	315°	320°
3897.4	0°	3897.4	3897.4	3897.4	3897.4	3897.4	3897.4	3897.4	3897.4	3897.4	3897.4
3657.4	2.5°	3680.0	3702.7	3725.3	3747.9	3773.6	3799.4	3828.0	3856.7	3892.2	3924.0
3470.4	5°	3506.9	3543.3	3583.3	3623.4	3668.7	3714.2	3768.5	3822.6	3884.7	3947.5
3356.8	7.5°	3401.2	3445.8	3496.3	3546.7	3606.5	3666.3	3738.3	3810.4	3890.7	3976.4
3335.8	10°	3385.9	3436.0	3490.5	3544.8	3604.6	3664.4	3740.4	3816.3	3902.6	4008.4
3431.5	12.5°	3483.3	3535.2	3577.7	3620.4	3659.9	3699.7	3761.6	3823.8	3904.1	4015.3
3631.2	15°	3676.2	3721.2	3732.3	3743.4	3738.0	3732.6	3762.2	3792.0	3856.3	3979.4
3843.6	17.5°	3879.8	3916.1	3881.6	3846.9	3781.7	3716.4	3705.7	3694.8	3734.4	3879.2
3975.9	20°	3992.8	4009.6	3937.0	3864.5	3751.1	3637.9	3587.1	3536.2	3546.7	3715.2
3974.4	22.5°	3964.4	3954.2	3859.9	3765.5	3636.0	3506.8	3431.5	3356.3	3335.8	3527.7
3842.8	25°	3808.3	3773.6	3680.7	3587.8	3471.5	3355.3	3268.5	3181.8	3126.4	3323.1
3614.0	27.5°	3575.3	3536.7	3462.2	3387.7	3292.3	3196.7	3113.0	3029.2	2961.9	3141.0
3373.2	30°	3341.8	3310.4	3248.5	3186.7	3107.5	3028.2	2961.5	2895.1	2842.3	2992.6
3171.3	32.5°	3136.3	3101.5	3042.1	2982.9	2919.5	2856.2	2816.9	2777.5	2754.1	2875.2
2985.9	35°	2944.0	2902.1	2843.3	2784.7	2736.6	2688.3	2677.3	2666.6	2676.3	2777.2
2816.1	37.5°	2764.4	2712.6	2654.0	2595.5	2561.0	2526.3	2538.2	2550.2	2585.8	2674.0
2650.9	40°	2591.2	2531.7	2475.1	2418.6	2393.6	2368.7	2395.7	2422.8	2477.4	2557.4
2492.3	42.5°	2428.0	2363.7	2310.0	2256.5	2236.0	2215.7	2251.6	2287.4	2356.2	2430.0
2352.5	45°	2285.8	2219.1	2168.3	2117.4	2100.1	2083.0	2117.9	2152.8	2219.4	2294.2
2237.3	47.5°	2171.5	2105.7	2056.1	2006.3	1990.3	1974.1	2003.4	2032.8	2090.0	2186.5
2137.1	50°	2078.2	2019.3	1972.5	1925.5	1900.2	1875.1	1901.0	1927.0	1993.6	2120.4
2068.3	52.5°	2013.3	1958.4	1915.5	1872.4	1834.7	1796.9	1822.5	1848.2	1941.2	2087.0
2021.2	55°	1973.2	1925.1	1878.7	1832.3	1778.8	1725.1	1765.6	1806.3	1946.5	2082.1
1982.4	57.5°	1934.6	1887.1	1832.6	1778.2	1720.5	1662.8	1722.0	1781.2	1951.7	2071.3
1927.0	60°	1878.6	1830.3	1767.7	1705.2	1654.7	1604.0	1680.9	1757.6	1935.2	2014.2
1851.5	62.5°	1799.9	1748.3	1675.3	1602.5	1570.3	1538.2	1634.0	1730.1	1894.9	1904.6
1747.6	65°	1698.2	1648.8	1570.6	1492.6	1480.3	1467.9	1570.0	1672.0	1797.7	1796.5
1628.7	67.5°	1582.0	1535.2	1462.9	1390.9	1394.8	1398.6	1483.6	1568.5	1639.1	1642.4
1497.0	70°	1456.7	1416.3	1352.9	1289.5	1302.9	1316.4	1376.8	1437.2	1460.4	1460.4
1341.5	72.5°	1305.0	1268.5	1218.7	1168.8	1188.4	1208.1	1249.5	1291.0	1290.7	1276.0
1163.5	75°	1130.5	1097.4	1060.3	1023.3	1042.2	1061.1	1093.1	1125.0	1130.6	1063.0
986.3	77.5°	957.9	929.5	899.4	869.2	888.4	907.5	933.1	958.6	961.6	850.2
791.9	80°	768.0	744.0	719.1	693.9	710.1	726.1	747.6	769.0	769.5	636.4
501.0	82.5°	509.4	517.8	519.9	521.9	533.3	544.7	555.1	565.6	559.3	445.7
256.5	85°	279.7	302.8	313.8	324.5	337.2	350.0	361.2	372.4	364.2	279.7
114.4	87.5°	132.2	149.9	150.3	150.8	153.1	155.5	160.0	164.5	154.0	118.9
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°
3897.4	0°	3897.4	3897.4	3897.4	3897.4	3897.4	3897.4	3897.4
3956.9	2.5°	3989.8	4024.2	4058.6	4092.7	4127.0	4159.1	4191.3
4014.1	5°	4080.6	4151.8	4223.1	4293.9	4364.8	4435.8	4506.8
4069.2	7.5°	4162.1	4267.6	4373.0	4481.3	4589.5	4706.6	4823.9
4118.4	10°	4228.2	4356.4	4484.4	4627.4	4770.5	4918.7	5066.9
4139.5	12.5°	4263.8	4414.9	4565.9	4728.0	4890.2	5052.9	5215.7
4123.2	15°	4267.1	4441.0	4615.0	4790.8	4966.7	5136.5	5306.2
4052.2	17.5°	4225.2	4427.1	4629.0	4820.9	5012.8	5184.9	5357.1
3929.7	20°	4144.2	4388.8	4633.5	4844.4	5055.3	5234.3	5413.1
3786.0	22.5°	4044.3	4341.9	4639.5	4876.1	5112.5	5295.4	5478.2
3625.5	25°	3928.1	4295.5	4663.1	4933.5	5203.8	5382.8	5562.0
3478.8	27.5°	3816.6	4264.6	4712.5	5023.3	5333.9	5504.8	5675.6
3356.2	30°	3719.7	4250.1	4780.1	5139.5	5498.8	5663.8	5828.9
3250.4	32.5°	3625.5	4232.1	4838.4	5260.8	5683.1	5846.4	6009.9
3146.5	35°	3515.7	4198.3	4881.2	5398.9	5916.7	6073.3	6229.7
3024.2	37.5°	3374.3	4140.4	4906.6	5553.7	6200.9	6400.4	6599.9
2878.2	40°	3199.0	4060.7	4922.6	5750.2	6577.7	6868.5	7159.2
2717.1	42.5°	3004.3	3978.5	4953.0	6007.3	7061.7	7481.3	7901.0
2546.0	45°	2797.9	3902.0	5006.4	6345.6	7684.9	8251.0	8817.0
2410.7	47.5°	2634.9	3838.9	5043.0	6706.1	8369.1	9165.9	9962.6
2320.8	50°	2521.2	3770.1	5019.1	7040.5	9061.8	10263.1	11464.1
2261.6	52.5°	2436.3	3653.9	4871.8	7257.6	9643.3	11415.5	13187.8
2218.7	55°	2355.2	3461.3	4567.4	7209.8	9851.9	12437.3	15022.8
2167.8	57.5°	2264.3	3189.7	4115.0	6873.0	9631.1	13161.4	16691.8
2090.0	60°	2165.9	2837.1	3508.3	6246.2	8984.1	13342.4	17700.6
1954.8	62.5°	2005.2	2415.0	2824.8	5398.6	7972.5	12580.4	17188.4
1820.2	65°	1844.0	2035.3	2226.6	4533.9	6841.4	11502.3	16163.2
1629.3	67.5°	1615.9	1670.4	1724.7	3686.8	5649.0	10219.3	14789.5
1398.9	70°	1337.3	1321.9	1306.4	2902.9	4499.4	8819.3	13139.2
1188.8	72.5°	1101.5	1054.5	1007.7	2219.2	3430.8	7301.6	11172.5
965.2	75°	867.4	824.9	782.5	1610.7	2438.9	5561.8	8684.7
755.3	77.5°	660.3	631.3	602.4	1091.5	1580.5	3892.8	6205.0
556.0	80°	475.6	463.6	451.7	703.2	954.9	2508.0	4061.2
386.5	82.5°	327.2	324.8	322.7	432.5	542.6	1451.6	2360.7
236.3	85°	192.9	194.1	195.2	231.2	267.4	653.0	1038.7
101.1	87.5°	83.5	84.5	85.5	95.9	106.2	213.9	321.5
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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