

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: P953305

Luminaire Tested: **GALN-SB6D-927-U-SLR**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P953305
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-SB6D-927-U-SLR
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(6) 90 CRI, 2700K, 900mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 37427 lumens
Efficiency: N/A
Efficacy: 85.0 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B4 - U0 - G5

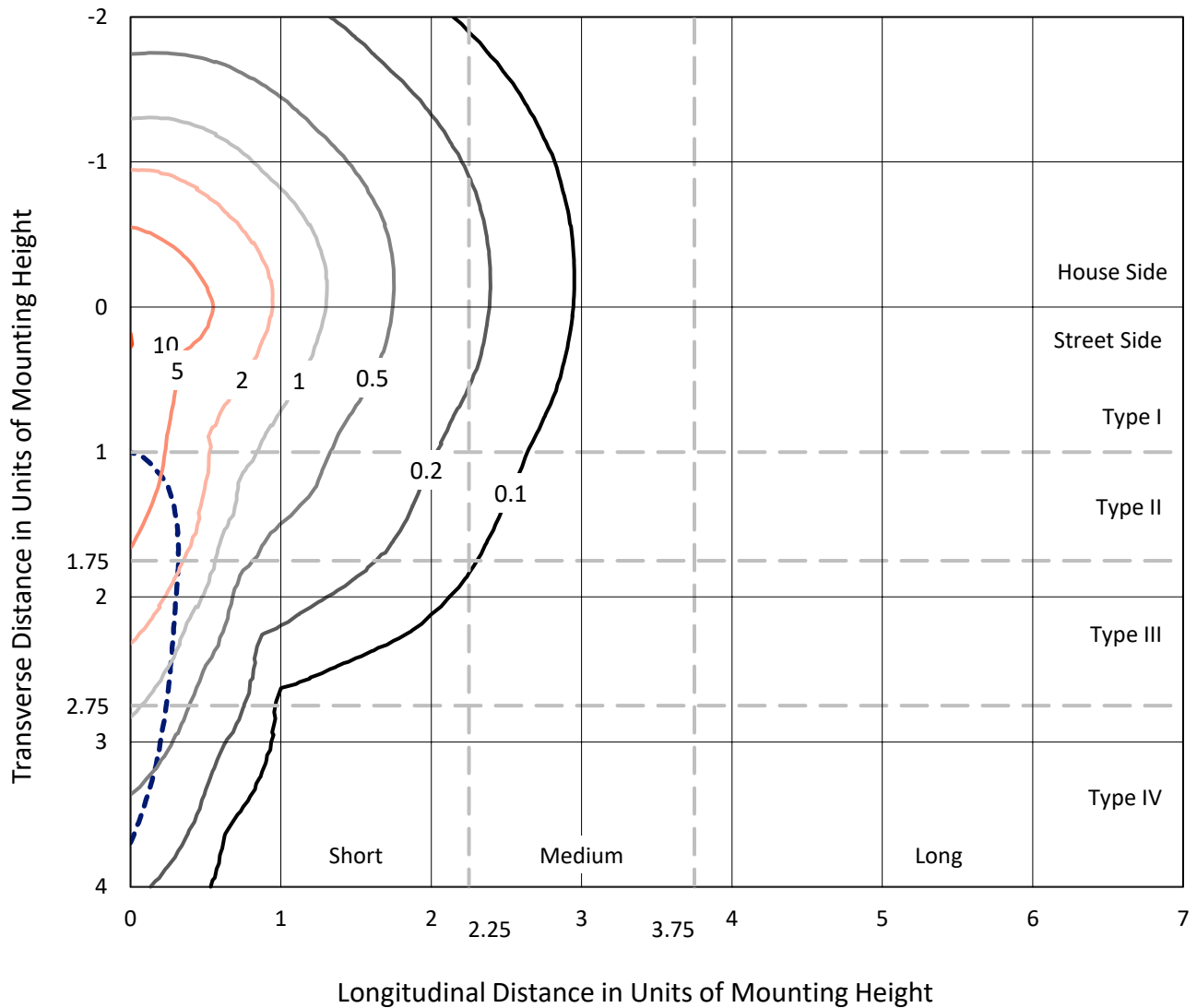
Input Watts (W): 440.1
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

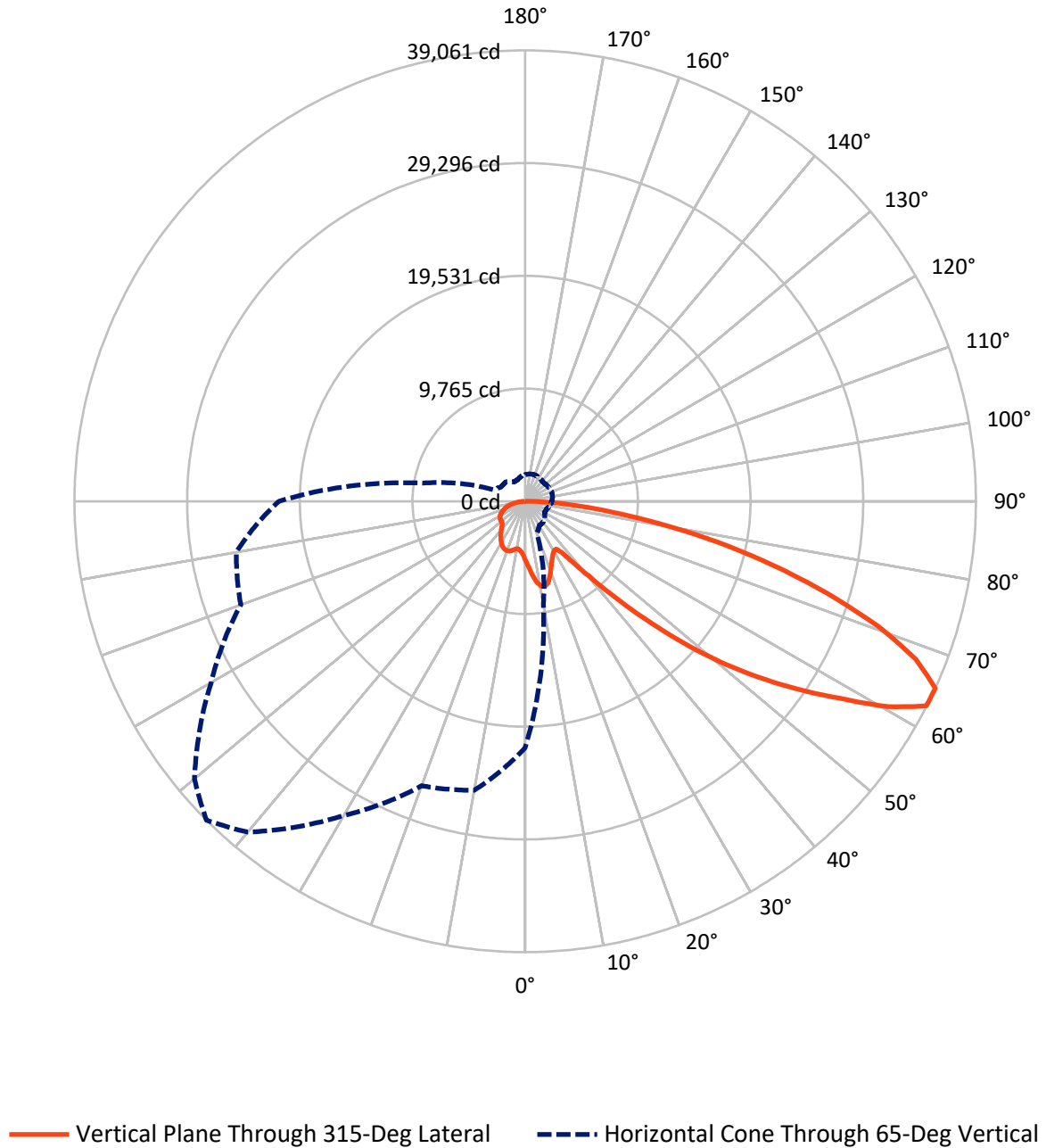
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 10.2 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	9512.1	0.0	9512.1
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	27914.9	0.0	27914.9
	% Fixture	74.6	0.0	74.6
Total	Lumens	37427.0	0.0	37427.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	510.5	1.4
10°-20°	1602.7	4.3
20°-30°	2475.6	6.6
30°-40°	3137.2	8.4
40°-50°	4731.6	12.6
50°-60°	7644.7	20.4
60°-70°	9530.3	25.5
70°-80°	6249.5	16.7
80°-90°	1545.0	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°	37427.0	100.0
0°-180°	37427.0	100.0



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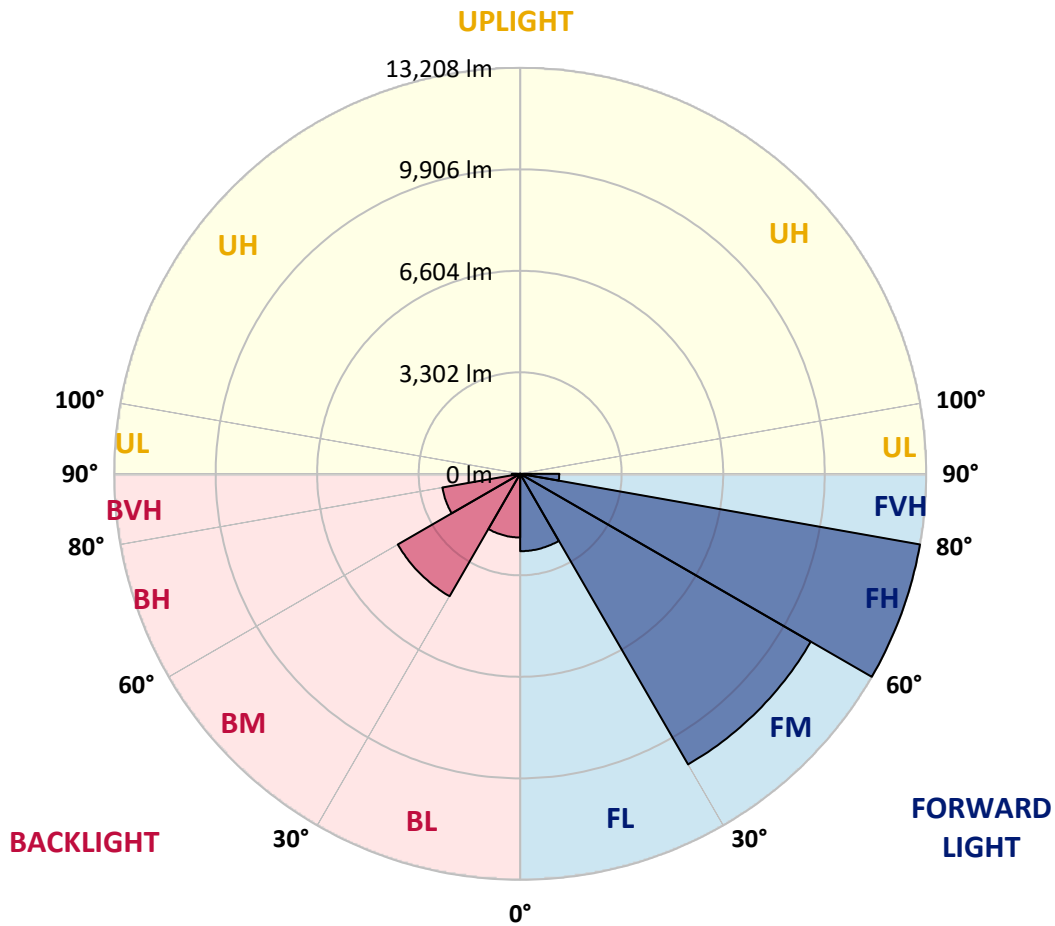
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	2517.4	6.7			
FM (30°-60°)	10916.6	29.2			
FH (60°-80°)	13208.1	35.3			G5
FVH (80°-90°)	1272.8	3.4			G5
BL (0°-30°)	2071.4	5.5	B3/2500		
BM (30°-60°)	4596.8	12.3	B3/5000		
BH (60°-80°)	2571.6	6.9	B4/5000		G4/5000
BVH (80°-90°)	272.3	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°	5146.5	5146.5	5146.5	5146.5	5146.5	5146.5	5146.5	5146.5	5146.5	5146.5
2.5°	5534.6	5492.1	5449.7	5404.5	5359.4	5314.0	5268.6	5225.1	5181.7	5139.6
5°	5951.3	5857.5	5763.7	5670.1	5576.7	5482.5	5388.5	5300.6	5212.7	5129.7
7.5°	6370.0	6215.1	6060.5	5917.5	5774.5	5635.3	5496.1	5373.4	5250.8	5137.6
10°	6690.9	6495.2	6299.5	6110.5	5921.7	5752.6	5583.4	5438.4	5293.1	5153.4
12.5°	6887.4	6672.3	6457.5	6243.4	6029.3	5829.8	5630.4	5466.3	5302.2	5155.4
15°	7006.9	6782.7	6558.6	6326.3	6094.1	5864.4	5634.7	5444.7	5254.8	5092.2
17.5°	7074.0	6846.7	6619.4	6366.0	6112.6	5846.0	5579.4	5350.9	5122.4	4931.3
20°	7148.1	6911.9	6675.5	6397.0	6118.6	5795.5	5472.4	5189.2	4906.0	4683.4
22.5°	7234.0	6992.7	6751.1	6438.9	6126.5	5733.5	5340.5	4999.4	4658.3	4405.0
25°	7344.6	7108.0	6871.6	6514.7	6157.7	5672.2	5187.0	4787.5	4388.2	4128.5
27.5°	7494.7	7269.1	7043.4	6633.2	6222.8	5631.4	5039.9	4593.8	4147.6	3911.2
30°	7697.1	7479.1	7261.2	6786.7	6312.1	5612.2	4911.9	4431.8	3951.7	3753.3
32.5°	7936.1	7720.2	7504.5	6946.8	6389.1	5588.5	4787.5	4292.2	3796.7	3636.7
35°	8226.4	8019.8	7813.0	7129.3	6445.6	5543.9	4642.5	4154.9	3667.4	3534.0
37.5°	8715.1	8451.7	8188.2	7333.7	6479.2	5467.5	4455.7	3993.4	3531.1	3414.6
40°	9453.7	9069.8	8685.9	7593.2	6500.3	5362.2	4224.3	3800.7	3377.0	3271.4
42.5°	10433.3	9879.1	9325.0	7932.7	6540.4	5253.6	3967.1	3588.0	3208.8	3111.4
45°	11642.9	10895.4	10147.9	8379.4	6610.9	5152.7	3694.6	3362.0	3029.5	2930.7
47.5°	13155.7	12103.6	11051.4	8855.4	6659.3	5069.3	3479.3	3183.3	2887.3	2759.9
50°	15138.4	13552.4	11966.2	9296.9	6627.7	4978.5	3329.3	3064.6	2800.0	2632.5
52.5°	17414.5	15074.3	12734.0	9583.7	6433.2	4825.0	3217.1	2986.4	2755.9	2563.4
55°	19837.7	16423.5	13009.5	9520.5	6031.3	4570.7	3110.0	2929.7	2749.4	2570.3
57.5°	22041.6	17379.7	12717.8	9075.8	5433.9	4212.0	2990.0	2862.6	2735.2	2577.2
60°	23373.7	17618.7	11863.5	8248.1	4632.7	3746.3	2860.0	2759.9	2659.8	2555.5
62.5°	22697.3	16612.5	10527.7	7128.9	3730.2	3189.0	2647.9	2581.4	2515.0	2502.2
65°	21343.5	15188.8	9034.1	5987.0	2940.2	2687.6	2435.0	2403.6	2372.2	2373.8
67.5°	19529.6	13494.5	7459.5	4868.5	2277.4	2205.7	2133.9	2151.4	2168.8	2164.5
70°	17350.3	11645.9	5941.4	3833.2	1725.1	1745.6	1765.9	1847.3	1928.5	1928.5
72.5°	14753.3	9641.8	4530.4	2930.5	1330.7	1392.5	1454.5	1569.8	1685.0	1704.3
75°	11468.1	7344.4	3220.6	2126.9	1033.3	1089.3	1145.4	1274.6	1403.7	1493.0
77.5°	8193.8	5140.4	2087.1	1441.3	795.5	833.6	871.9	997.3	1122.7	1269.8
80°	5362.8	3311.9	1261.0	928.6	596.4	612.2	628.0	734.3	840.3	1016.1
82.5°	3117.3	1916.8	716.5	571.1	426.2	428.9	432.1	510.3	588.5	738.6
85°	1371.6	862.2	353.1	305.3	257.7	256.3	254.8	312.0	369.3	480.9
87.5°	424.6	282.4	140.2	126.6	113.0	111.6	110.2	133.5	157.0	203.4
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°
5146.5	0°	5146.5	5146.5	5146.5	5146.5	5146.5	5146.5	5146.5	5146.5	5146.5	5146.5
5092.8	2.5°	5054.9	5017.2	4983.0	4949.0	4919.2	4889.4	4859.4	4829.6	4806.5	4783.2
5047.8	5°	4976.3	4904.6	4844.6	4784.7	4731.8	4678.9	4630.9	4582.7	4545.8	4508.6
5031.6	7.5°	4936.4	4841.4	4762.4	4683.4	4616.9	4550.1	4491.3	4432.6	4388.6	4344.7
5039.5	10°	4939.2	4838.8	4759.9	4680.9	4609.2	4537.3	4471.1	4405.0	4352.4	4299.7
5049.4	12.5°	4967.2	4885.5	4832.9	4780.8	4724.3	4668.2	4599.7	4531.4	4464.2	4397.1
5007.3	15°	4968.0	4928.9	4936.0	4943.1	4928.5	4913.9	4854.5	4795.0	4699.4	4603.8
4878.9	17.5°	4893.4	4907.6	4993.7	5079.8	5125.6	5171.2	5123.2	5075.4	4948.8	4822.3
4669.6	20°	4736.7	4803.9	4953.4	5103.1	5198.9	5294.7	5272.5	5250.2	5105.5	4960.9
4432.0	22.5°	4531.4	4630.7	4801.3	4972.4	5097.0	5221.6	5235.0	5248.2	5110.0	4971.8
4201.6	25°	4316.1	4430.6	4584.1	4737.7	4860.4	4983.0	5028.8	5074.5	4961.1	4847.9
4000.1	27.5°	4110.7	4221.3	4347.5	4473.5	4571.8	4670.2	4721.1	4772.3	4691.5	4610.9
3823.0	30°	3910.7	3998.7	4103.4	4208.1	4289.6	4371.4	4412.9	4454.3	4392.9	4331.3
3667.7	32.5°	3719.7	3771.6	3855.2	3938.9	4017.1	4095.5	4141.5	4187.7	4131.2	4074.6
3521.2	35°	3535.4	3549.8	3613.6	3677.2	3754.6	3832.3	3887.5	3942.8	3902.6	3862.5
3367.6	37.5°	3351.8	3336.0	3381.8	3427.4	3504.6	3582.0	3650.4	3718.7	3700.1	3681.6
3199.3	40°	3163.6	3127.8	3160.8	3193.8	3268.4	3343.1	3421.7	3500.5	3505.0	3509.4
3020.6	42.5°	2973.2	2925.8	2952.6	2979.7	3050.4	3121.3	3206.2	3291.1	3313.8	3336.6
2842.8	45°	2796.6	2750.6	2773.1	2796.0	2863.2	2930.3	3018.4	3106.5	3139.1	3171.7
2684.3	47.5°	2645.5	2606.8	2628.2	2649.3	2715.1	2780.6	2867.5	2954.4	2991.9	3029.5
2544.6	50°	2510.3	2476.1	2509.3	2542.7	2604.7	2666.5	2744.3	2822.1	2870.3	2918.5
2440.6	52.5°	2406.6	2372.8	2422.8	2472.5	2529.4	2586.1	2658.6	2731.3	2788.3	2845.4
2385.3	55°	2331.5	2278.0	2348.9	2419.6	2480.8	2542.1	2605.7	2669.0	2729.5	2790.1
2352.1	57.5°	2273.9	2195.7	2271.9	2348.1	2420.0	2491.9	2554.7	2617.7	2678.7	2739.6
2320.9	60°	2219.6	2118.1	2185.0	2251.8	2334.3	2416.9	2480.6	2544.6	2605.9	2667.1
2284.5	62.5°	2157.8	2031.2	2073.6	2116.1	2212.3	2308.6	2376.8	2444.9	2501.0	2557.1
2207.9	65°	2073.2	1938.3	1954.7	1970.9	2074.0	2177.3	2242.5	2307.6	2357.0	2406.4
2071.3	67.5°	1959.1	1846.9	1841.8	1836.6	1931.8	2027.2	2089.0	2150.6	2193.3	2236.0
1897.9	70°	1818.1	1738.3	1720.5	1702.7	1786.5	1870.2	1923.5	1976.9	2015.4	2053.9
1704.7	72.5°	1650.0	1595.3	1569.2	1543.4	1609.3	1675.1	1723.3	1771.5	1809.2	1846.9
1485.5	75°	1443.4	1401.2	1376.3	1351.2	1400.2	1449.2	1492.8	1536.5	1570.8	1605.2
1265.9	77.5°	1232.1	1198.4	1173.1	1147.8	1187.7	1227.4	1264.9	1302.4	1338.6	1374.5
1015.5	80°	987.2	958.8	937.7	916.3	949.5	982.5	1014.1	1045.7	1073.1	1100.4
746.9	82.5°	733.1	719.3	704.2	689.2	686.5	683.7	672.6	661.6	720.0	778.5
491.7	85°	476.9	462.1	445.3	428.5	414.3	399.9	369.3	338.7	393.4	448.3
217.2	87.5°	211.3	205.4	202.2	199.1	198.5	197.9	174.6	151.1	174.0	197.1
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):

105°		110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
5146.5	0°	5146.5	5146.5	5146.5	5146.5	5146.5	5146.5	5146.5	5146.5	5146.5	5146.5
4764.4	2.5°	4745.6	4731.0	4716.4	4703.0	4689.4	4672.6	4689.4	4703.0	4716.4	4731.0
4482.8	5°	4456.9	4438.5	4420.2	4406.2	4392.1	4378.3	4392.1	4406.2	4420.2	4438.5
4313.9	7.5°	4283.1	4262.0	4241.1	4228.4	4216.0	4206.5	4216.0	4228.4	4241.1	4262.0
4265.3	10°	4230.6	4210.6	4190.7	4180.0	4169.4	4165.0	4169.4	4180.0	4190.7	4210.6
4352.6	12.5°	4308.2	4285.9	4263.8	4254.7	4245.6	4244.0	4245.6	4254.7	4263.8	4285.9
4536.3	15°	4468.8	4437.8	4406.9	4395.1	4383.2	4382.3	4383.2	4395.1	4406.9	4437.8
4722.7	17.5°	4623.2	4577.4	4531.4	4516.4	4501.1	4498.8	4501.1	4516.4	4531.4	4577.4
4838.8	20°	4717.0	4658.3	4599.5	4580.7	4562.0	4556.0	4562.0	4580.7	4599.5	4658.3
4846.2	22.5°	4720.4	4658.5	4596.5	4575.8	4555.1	4546.2	4555.1	4575.8	4596.5	4658.5
4736.2	25°	4624.8	4571.1	4517.5	4498.0	4478.6	4467.2	4478.6	4498.0	4517.5	4571.1
4524.3	27.5°	4437.6	4401.6	4365.5	4356.6	4347.7	4344.7	4347.7	4356.6	4365.5	4401.6
4269.3	30°	4206.9	4188.5	4170.0	4170.0	4170.0	4172.9	4170.0	4170.0	4170.0	4188.5
4025.0	32.5°	3975.4	3963.4	3951.3	3952.9	3954.7	3957.7	3954.7	3952.9	3951.3	3963.4
3816.7	35°	3771.0	3752.7	3734.5	3730.5	3726.6	3724.6	3726.6	3730.5	3734.5	3752.7
3639.5	37.5°	3597.2	3563.9	3530.7	3513.1	3495.5	3485.7	3495.5	3513.1	3530.7	3563.9
3473.6	40°	3437.9	3389.3	3341.1	3308.3	3275.9	3256.6	3275.9	3308.3	3341.1	3389.3
3306.3	42.5°	3276.3	3216.1	3155.9	3108.3	3060.7	3029.5	3060.7	3108.3	3155.9	3216.1
3144.4	45°	3117.3	3048.4	2979.7	2923.8	2867.9	2832.0	2867.9	2923.8	2979.7	3048.4
3010.5	47.5°	2991.5	2930.3	2869.1	2817.4	2765.8	2731.3	2765.8	2817.4	2869.1	2930.3
2917.3	50°	2916.5	2867.5	2818.5	2770.8	2723.0	2689.8	2723.0	2770.8	2818.5	2867.5
2855.7	52.5°	2865.9	2826.1	2786.2	2743.3	2700.6	2670.0	2700.6	2743.3	2786.2	2826.1
2804.3	55°	2818.5	2783.8	2749.0	2711.5	2674.0	2646.3	2674.0	2711.5	2749.0	2783.8
2754.0	57.5°	2768.4	2733.2	2698.1	2661.0	2623.6	2595.0	2623.6	2661.0	2698.1	2733.2
2682.9	60°	2698.7	2664.3	2630.1	2591.8	2553.5	2523.9	2553.5	2591.8	2630.1	2664.3
2572.3	62.5°	2587.5	2556.5	2525.5	2485.2	2444.9	2409.4	2444.9	2485.2	2525.5	2556.5
2422.0	65°	2437.4	2407.6	2377.8	2338.7	2299.7	2269.1	2299.7	2338.7	2377.8	2407.6
2251.2	67.5°	2266.2	2238.7	2211.5	2175.1	2138.8	2111.1	2138.8	2175.1	2211.5	2238.7
2068.5	70°	2083.1	2060.8	2038.5	2003.7	1969.0	1937.4	1969.0	2003.7	2038.5	2060.8
1864.3	72.5°	1881.7	1863.1	1844.5	1811.4	1778.4	1747.8	1778.4	1811.4	1844.5	1863.1
1623.4	75°	1641.5	1632.4	1623.4	1595.5	1567.7	1538.4	1567.7	1595.5	1623.4	1632.4
1391.5	77.5°	1408.5	1395.8	1382.8	1354.8	1326.7	1303.4	1326.7	1354.8	1382.8	1395.8
1122.9	80°	1145.4	1139.9	1134.6	1096.8	1058.9	1015.1	1058.9	1096.8	1134.6	1139.9
816.8	82.5°	855.1	852.8	850.2	818.4	786.4	758.4	786.4	818.4	850.2	852.8
495.7	85°	543.1	539.1	535.2	510.3	485.4	460.1	485.4	510.3	535.2	539.1
216.2	87.5°	235.4	230.7	225.5	212.9	199.9	187.6	199.9	212.9	225.5	230.7
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

160°		165°	170°	175°	180°	185°	190°	195°	200°	205°	210°
5146.5	0°	5146.5	5146.5	5146.5	5146.5	5146.5	5146.5	5146.5	5146.5	5146.5	5146.5
4745.6	2.5°	4764.4	4783.2	4806.5	4829.6	4859.4	4889.4	4919.2	4949.0	4983.0	5017.2
4456.9	5°	4482.8	4508.6	4545.8	4582.7	4630.9	4678.9	4731.8	4784.7	4844.6	4904.6
4283.1	7.5°	4313.9	4344.7	4388.6	4432.6	4491.3	4550.1	4616.9	4683.4	4762.4	4841.4
4230.6	10°	4265.3	4299.7	4352.4	4405.0	4471.1	4537.3	4609.2	4680.9	4759.9	4838.8
4308.2	12.5°	4352.6	4397.1	4464.2	4531.4	4599.7	4668.2	4724.3	4780.8	4832.9	4885.5
4468.8	15°	4536.3	4603.8	4699.4	4795.0	4854.5	4913.9	4928.5	4943.1	4936.0	4928.9
4623.2	17.5°	4722.7	4822.3	4948.8	5075.4	5123.2	5171.2	5125.6	5079.8	4993.7	4907.6
4717.0	20°	4838.8	4960.9	5105.5	5250.2	5272.5	5294.7	5198.9	5103.1	4953.4	4803.9
4720.4	22.5°	4846.2	4971.8	5110.0	5248.2	5235.0	5221.6	5097.0	4972.4	4801.3	4630.7
4624.8	25°	4736.2	4847.9	4961.1	5074.5	5028.8	4983.0	4860.4	4737.7	4584.1	4430.6
4437.6	27.5°	4524.3	4610.9	4691.5	4772.3	4721.1	4670.2	4571.8	4473.5	4347.5	4221.3
4206.9	30°	4269.3	4331.3	4392.9	4454.3	4412.9	4371.4	4289.6	4208.1	4103.4	3998.7
3975.4	32.5°	4025.0	4074.6	4131.2	4187.7	4141.5	4095.5	4017.1	3938.9	3855.2	3771.6
3771.0	35°	3816.7	3862.5	3902.6	3942.8	3887.5	3832.3	3754.6	3677.2	3613.6	3549.8
3597.2	37.5°	3639.5	3681.6	3700.1	3718.7	3650.4	3582.0	3504.6	3427.4	3381.8	3336.0
3437.9	40°	3473.6	3509.4	3505.0	3500.5	3421.7	3343.1	3268.4	3193.8	3160.8	3127.8
3276.3	42.5°	3306.3	3336.6	3313.8	3291.1	3206.2	3121.3	3050.4	2979.7	2952.6	2925.8
3117.3	45°	3144.4	3171.7	3139.1	3106.5	3018.4	2930.3	2863.2	2796.0	2773.1	2750.6
2991.5	47.5°	3010.5	3029.5	2991.9	2954.4	2867.5	2780.6	2715.1	2649.3	2628.2	2606.8
2916.5	50°	2917.3	2918.5	2870.3	2822.1	2744.3	2666.5	2604.7	2542.7	2509.3	2476.1
2865.9	52.5°	2855.7	2845.4	2788.3	2731.3	2658.6	2586.1	2529.4	2472.5	2422.8	2372.8
2818.5	55°	2804.3	2790.1	2729.5	2669.0	2605.7	2542.1	2480.8	2419.6	2348.9	2278.0
2768.4	57.5°	2754.0	2739.6	2678.7	2617.7	2554.7	2491.9	2420.0	2348.1	2271.9	2195.7
2698.7	60°	2682.9	2667.1	2605.9	2544.6	2480.6	2416.9	2334.3	2251.8	2185.0	2118.1
2587.5	62.5°	2572.3	2557.1	2501.0	2444.9	2376.8	2308.6	2212.3	2116.1	2073.6	2031.2
2437.4	65°	2422.0	2406.4	2357.0	2307.6	2242.5	2177.3	2074.0	1970.9	1954.7	1938.3
2266.2	67.5°	2251.2	2236.0	2193.3	2150.6	2089.0	2027.2	1931.8	1836.6	1841.8	1846.9
2083.1	70°	2068.5	2053.9	2015.4	1976.9	1923.5	1870.2	1786.5	1702.7	1720.5	1738.3
1881.7	72.5°	1864.3	1846.9	1809.2	1771.5	1723.3	1675.1	1609.3	1543.4	1569.2	1595.3
1641.5	75°	1623.4	1605.2	1570.8	1536.5	1492.8	1449.2	1400.2	1351.2	1376.3	1401.2
1408.5	77.5°	1391.5	1374.5	1338.6	1302.4	1264.9	1227.4	1187.7	1147.8	1173.1	1198.4
1145.4	80°	1122.9	1100.4	1073.1	1045.7	1014.1	982.5	949.5	916.3	937.7	958.8
855.1	82.5°	816.8	778.5	720.0	661.6	672.6	683.7	686.5	689.2	704.2	719.3
543.1	85°	495.7	448.3	393.4	338.7	369.3	399.9	414.3	428.5	445.3	462.1
235.4	87.5°	216.2	197.1	174.0	151.1	174.6	197.9	198.5	199.1	202.2	205.4
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°
5146.5	0°	5146.5	5146.5	5146.5	5146.5	5146.5	5146.5	5146.5	5146.5	5146.5	5146.5
5054.9	2.5°	5092.8	5139.6	5181.7	5225.1	5268.6	5314.0	5359.4	5404.5	5449.7	5492.1
4976.3	5°	5047.8	5129.7	5212.7	5300.6	5388.5	5482.5	5576.7	5670.1	5763.7	5857.5
4936.4	7.5°	5031.6	5137.6	5250.8	5373.4	5496.1	5635.3	5774.5	5917.5	6060.5	6215.1
4939.2	10°	5039.5	5153.4	5293.1	5438.4	5583.4	5752.6	5921.7	6110.5	6299.5	6495.2
4967.2	12.5°	5049.4	5155.4	5302.2	5466.3	5630.4	5829.8	6029.3	6243.4	6457.5	6672.3
4968.0	15°	5007.3	5092.2	5254.8	5444.7	5634.7	5864.4	6094.1	6326.3	6558.6	6782.7
4893.4	17.5°	4878.9	4931.3	5122.4	5350.9	5579.4	5846.0	6112.6	6366.0	6619.4	6846.7
4736.7	20°	4669.6	4683.4	4906.0	5189.2	5472.4	5795.5	6118.6	6397.0	6675.5	6911.9
4531.4	22.5°	4432.0	4405.0	4658.3	4999.4	5340.5	5733.5	6126.5	6438.9	6751.1	6992.7
4316.1	25°	4201.6	4128.5	4388.2	4787.5	5187.0	5672.2	6157.7	6514.7	6871.6	7108.0
4110.7	27.5°	4000.1	3911.2	4147.6	4593.8	5039.9	5631.4	6222.8	6633.2	7043.4	7269.1
3910.7	30°	3823.0	3753.3	3951.7	4431.8	4911.9	5612.2	6312.1	6786.7	7261.2	7479.1
3719.7	32.5°	3667.7	3636.7	3796.7	4292.2	4787.5	5588.5	6389.1	6946.8	7504.5	7720.2
3535.4	35°	3521.2	3534.0	3667.4	4154.9	4642.5	5543.9	6445.6	7129.3	7813.0	8019.8
3351.8	37.5°	3367.6	3414.6	3531.1	3993.4	4455.7	5467.5	6479.2	7333.7	8188.2	8451.7
3163.6	40°	3199.3	3271.4	3377.0	3800.7	4224.3	5362.2	6500.3	7593.2	8685.9	9069.8
2973.2	42.5°	3020.6	3111.4	3208.8	3588.0	3967.1	5253.6	6540.4	7932.7	9325.0	9879.1
2796.6	45°	2842.8	2930.7	3029.5	3362.0	3694.6	5152.7	6610.9	8379.4	10147.9	10895.4
2645.5	47.5°	2684.3	2759.9	2887.3	3183.3	3479.3	5069.3	6659.3	8855.4	11051.4	12103.6
2510.3	50°	2544.6	2632.5	2800.0	3064.6	3329.3	4978.5	6627.7	9296.9	11966.2	13552.4
2406.6	52.5°	2440.6	2563.4	2755.9	2986.4	3217.1	4825.0	6433.2	9583.7	12734.0	15074.3
2331.5	55°	2385.3	2570.3	2749.4	2929.7	3110.0	4570.7	6031.3	9520.5	13009.5	16423.5
2273.9	57.5°	2352.1	2577.2	2735.2	2862.6	2990.0	4212.0	5433.9	9075.8	12717.8	17379.7
2219.6	60°	2320.9	2555.5	2659.8	2759.9	2860.0	3746.3	4632.7	8248.1	11863.5	17618.7
2157.8	62.5°	2284.5	2502.2	2515.0	2581.4	2647.9	3189.0	3730.2	7128.9	10527.7	16612.5
2073.2	65°	2207.9	2373.8	2372.2	2403.6	2435.0	2687.6	2940.2	5987.0	9034.1	15188.8
1959.1	67.5°	2071.3	2164.5	2168.8	2151.4	2133.9	2205.7	2277.4	4868.5	7459.5	13494.5
1818.1	70°	1897.9	1928.5	1928.5	1847.3	1765.9	1745.6	1725.1	3833.2	5941.4	11645.9
1650.0	72.5°	1704.7	1704.3	1685.0	1569.8	1454.5	1392.5	1330.7	2930.5	4530.4	9641.8
1443.4	75°	1485.5	1493.0	1403.7	1274.6	1145.4	1089.3	1033.3	2126.9	3220.6	7344.4
1232.1	77.5°	1265.9	1269.8	1122.7	997.3	871.9	833.6	795.5	1441.3	2087.1	5140.4
987.2	80°	1015.5	1016.1	840.3	734.3	628.0	612.2	596.4	928.6	1261.0	3311.9
733.1	82.5°	746.9	738.6	588.5	510.3	432.1	428.9	426.2	571.1	716.5	1916.8
476.9	85°	491.7	480.9	369.3	312.0	254.8	256.3	257.7	305.3	353.1	862.2
211.3	87.5°	217.2	203.4	157.0	133.5	110.2	111.6	113.0	126.6	140.2	282.4
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):

270°		275°	280°	285°	290°	295°	300°	305°	310°	315°	320°
5146.5	0°	5146.5	5146.5	5146.5	5146.5	5146.5	5146.5	5146.5	5146.5	5146.5	5146.5
5534.6	2.5°	5555.5	5576.7	5606.5	5636.3	5654.1	5671.9	5680.7	5689.6	5685.7	5689.6
5951.3	5°	6024.6	6098.0	6170.7	6243.6	6283.1	6322.6	6346.5	6370.6	6388.7	6370.6
6370.0	7.5°	6489.3	6608.3	6715.6	6822.8	6887.4	6952.0	6986.9	7021.7	7038.5	7021.7
6690.9	10°	6831.9	6972.9	7098.7	7224.5	7300.7	7376.6	7410.5	7444.3	7457.1	7444.3
6887.4	12.5°	7040.2	7192.9	7306.7	7420.0	7475.3	7530.6	7549.2	7567.7	7569.7	7567.7
7006.9	15°	7138.8	7270.5	7341.8	7413.3	7415.3	7417.3	7397.5	7377.8	7354.4	7377.8
7074.0	17.5°	7163.1	7252.2	7253.5	7254.7	7174.7	7094.8	7021.5	6948.0	6896.3	6948.0
7148.1	20°	7179.1	7210.3	7116.5	7022.7	6846.1	6669.6	6541.0	6412.4	6333.4	6412.4
7234.0	22.5°	7193.3	7152.6	6958.3	6764.0	6504.3	6244.6	6083.8	5923.1	5835.8	5923.1
7344.6	25°	7216.2	7087.8	6792.8	6497.7	6182.4	5867.0	5697.9	5529.3	5446.7	5529.3
7494.7	27.5°	7265.2	7035.5	6644.7	6254.0	5904.5	5554.9	5388.7	5222.6	5144.6	5222.6
7697.1	30°	7354.8	7012.8	6531.7	6050.6	5686.5	5322.3	5168.1	5013.8	4941.1	5013.8
7936.1	32.5°	7467.4	6999.0	6454.7	5910.4	5568.2	5225.9	5104.9	4983.6	4931.3	4983.6
8226.4	35°	7652.9	7079.5	6512.4	5945.4	5707.6	5470.0	5441.8	5413.5	5409.2	5413.5
8715.1	37.5°	8040.5	7365.9	6850.5	6335.0	6319.6	6304.2	6433.4	6562.5	6629.7	6562.5
9453.7	40°	8720.1	7986.4	7603.1	7219.8	7490.3	7760.9	8074.9	8388.9	8545.3	8388.9
10433.3	42.5°	9705.3	8977.4	8756.6	8535.8	9125.9	9716.0	10287.1	10858.3	11193.6	10858.3
11642.9	45°	10989.0	10334.9	10237.6	10140.0	11085.4	12031.0	12969.4	13908.1	14477.8	13908.1
13155.7	47.5°	12519.5	11883.2	11863.5	11843.7	13207.6	14571.1	15945.0	17318.7	18125.4	17318.7
15138.4	50°	14352.6	13567.0	13570.4	13573.7	15331.4	17089.0	18902.6	20716.1	21812.5	20716.1
17414.5	52.5°	16463.0	15511.7	15415.5	15319.1	17418.6	19518.1	21762.0	24005.6	25319.9	24005.6
19837.7	55°	18897.6	17957.6	17582.5	17207.5	19544.2	21880.7	24555.6	27230.6	28793.7	27230.6
22041.6	57.5°	21529.7	21017.7	20265.4	19513.4	21872.8	24232.2	27262.0	30291.7	32230.0	30291.7
23373.7	60°	24168.8	24964.1	24029.9	23095.8	25328.6	27561.4	30805.3	34049.3	36144.2	34049.3
22697.3	62.5°	24869.8	27042.4	26937.2	26831.7	28877.1	30922.7	34009.0	37095.1	39031.5	37095.1
21343.5	65°	23382.6	25421.6	25825.1	26228.4	28827.7	31427.2	34420.0	37412.5	39061.1	37412.5
19529.6	67.5°	21468.9	23408.2	23597.4	23786.4	26494.8	29202.9	32208.5	35214.1	36505.6	35214.1
17350.3	70°	19459.7	21569.2	21653.8	21738.5	24160.5	26582.3	29168.8	31755.1	32472.9	31755.1
14753.3	72.5°	17173.9	19594.8	19655.6	19716.2	21611.1	23506.0	25443.2	27380.1	27452.8	27380.1
11468.1	75°	13973.5	16478.8	16703.7	16928.7	18402.9	19877.2	21240.8	22604.5	22239.1	22604.5
8193.8	77.5°	10532.4	12871.3	13193.2	13515.1	14635.8	15756.6	16723.7	17691.0	17063.0	17691.0
5362.8	80°	7330.4	9297.7	9697.8	10098.0	10944.4	11790.4	12298.4	12806.1	11796.0	12806.1
3117.3	82.5°	4462.4	5807.7	6254.6	6701.8	7284.3	7866.9	8078.8	8290.5	7496.6	8290.5
1371.6	85°	2085.5	2799.4	3179.6	3559.7	4038.4	4516.9	4637.2	4757.5	4121.6	4757.5
424.6	87.5°	664.5	904.5	1116.6	1328.7	1568.1	1807.4	1817.7	1827.8	1534.5	1827.8
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°
5146.5	0°	5146.5	5146.5	5146.5	5146.5	5146.5	5146.5	5146.5
5680.7	2.5°	5671.9	5654.1	5636.3	5606.5	5576.7	5555.5	5534.6
6346.5	5°	6322.6	6283.1	6243.6	6170.7	6098.0	6024.6	5951.3
6986.9	7.5°	6952.0	6887.4	6822.8	6715.6	6608.3	6489.3	6370.0
7410.5	10°	7376.6	7300.7	7224.5	7098.7	6972.9	6831.9	6690.9
7549.2	12.5°	7530.6	7475.3	7420.0	7306.7	7192.9	7040.2	6887.4
7397.5	15°	7417.3	7415.3	7413.3	7341.8	7270.5	7138.8	7006.9
7021.5	17.5°	7094.8	7174.7	7254.7	7253.5	7252.2	7163.1	7074.0
6541.0	20°	6669.6	6846.1	7022.7	7116.5	7210.3	7179.1	7148.1
6083.8	22.5°	6244.6	6504.3	6764.0	6958.3	7152.6	7193.3	7234.0
5697.9	25°	5867.0	6182.4	6497.7	6792.8	7087.8	7216.2	7344.6
5388.7	27.5°	5554.9	5904.5	6254.0	6644.7	7035.5	7265.2	7494.7
5168.1	30°	5322.3	5686.5	6050.6	6531.7	7012.8	7354.8	7697.1
5104.9	32.5°	5225.9	5568.2	5910.4	6454.7	6999.0	7467.4	7936.1
5441.8	35°	5470.0	5707.6	5945.4	6512.4	7079.5	7652.9	8226.4
6433.4	37.5°	6304.2	6319.6	6335.0	6850.5	7365.9	8040.5	8715.1
8074.9	40°	7760.9	7490.3	7219.8	7603.1	7986.4	8720.1	9453.7
10287.1	42.5°	9716.0	9125.9	8535.8	8756.6	8977.4	9705.3	10433.3
12969.4	45°	12031.0	11085.4	10140.0	10237.6	10334.9	10989.0	11642.9
15945.0	47.5°	14571.1	13207.6	11843.7	11863.5	11883.2	12519.5	13155.7
18902.6	50°	17089.0	15331.4	13573.7	13570.4	13567.0	14352.6	15138.4
21762.0	52.5°	19518.1	17418.6	15319.1	15415.5	15511.7	16463.0	17414.5
24555.6	55°	21880.7	19544.2	17207.5	17582.5	17957.6	18897.6	19837.7
27262.0	57.5°	24232.2	21872.8	19513.4	20265.4	21017.7	21529.7	22041.6
30805.3	60°	27561.4	25328.6	23095.8	24029.9	24964.1	24168.8	23373.7
34009.0	62.5°	30922.7	28877.1	26831.7	26937.2	27042.4	24869.8	22697.3
34420.0	65°	31427.2	28827.7	26228.4	25825.1	25421.6	23382.6	21343.5
32208.5	67.5°	29202.9	26494.8	23786.4	23597.4	23408.2	21468.9	19529.6
29168.8	70°	26582.3	24160.5	21738.5	21653.8	21569.2	19459.7	17350.3
25443.2	72.5°	23506.0	21611.1	19716.2	19655.6	19594.8	17173.9	14753.3
21240.8	75°	19877.2	18402.9	16928.7	16703.7	16478.8	13973.5	11468.1
16723.7	77.5°	15756.6	14635.8	13515.1	13193.2	12871.3	10532.4	8193.8
12298.4	80°	11790.4	10944.4	10098.0	9697.8	9297.7	7330.4	5362.8
8078.8	82.5°	7866.9	7284.3	6701.8	6254.6	5807.7	4462.4	3117.3
4637.2	85°	4516.9	4038.4	3559.7	3179.6	2799.4	2085.5	1371.6
1817.7	87.5°	1807.4	1568.1	1328.7	1116.6	904.5	664.5	424.6
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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