Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

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: P952528

Luminaire Tested: **GALN-SB6B-835-U-SLR**

Issue Date: 1/21/2025

Report Generated By 670246001

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Test Information

Test Method:	LM-79-08
Report Number:	P952528
	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-SB6B-835-U-SLR
Description:	GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
	(6) 80 CRI, 3500K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT ELIMINATOR RIGHT OPTICS
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	31559 lumens
Efficiency:	N/A
Efficacy:	143.2 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):	220.4
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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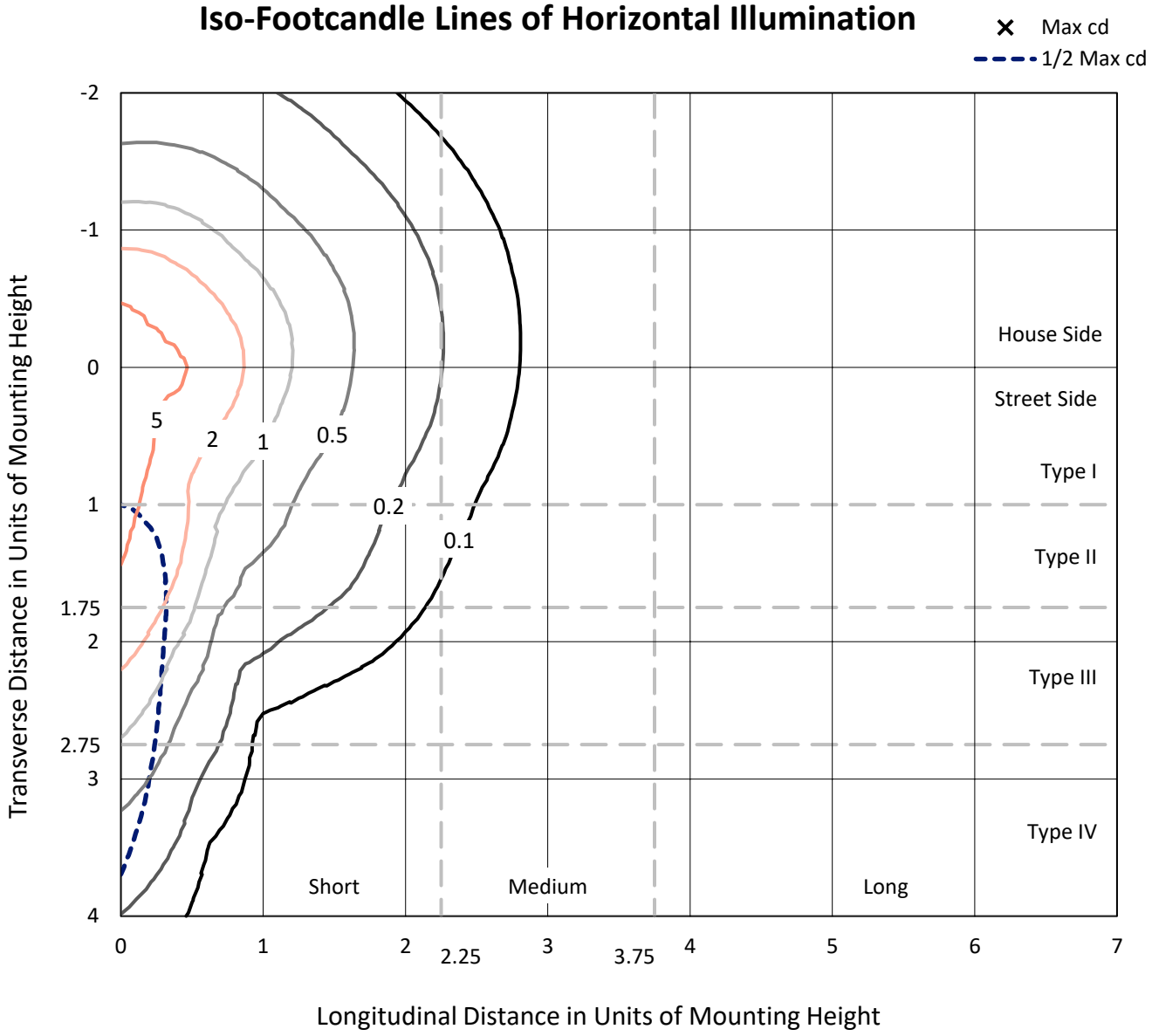
Iso-Footcandle Lines of Horizontal Illumination



Based on 25 foot mounting height. Maximum calculated value = 8.6 fc
Type IV - Short - N/A

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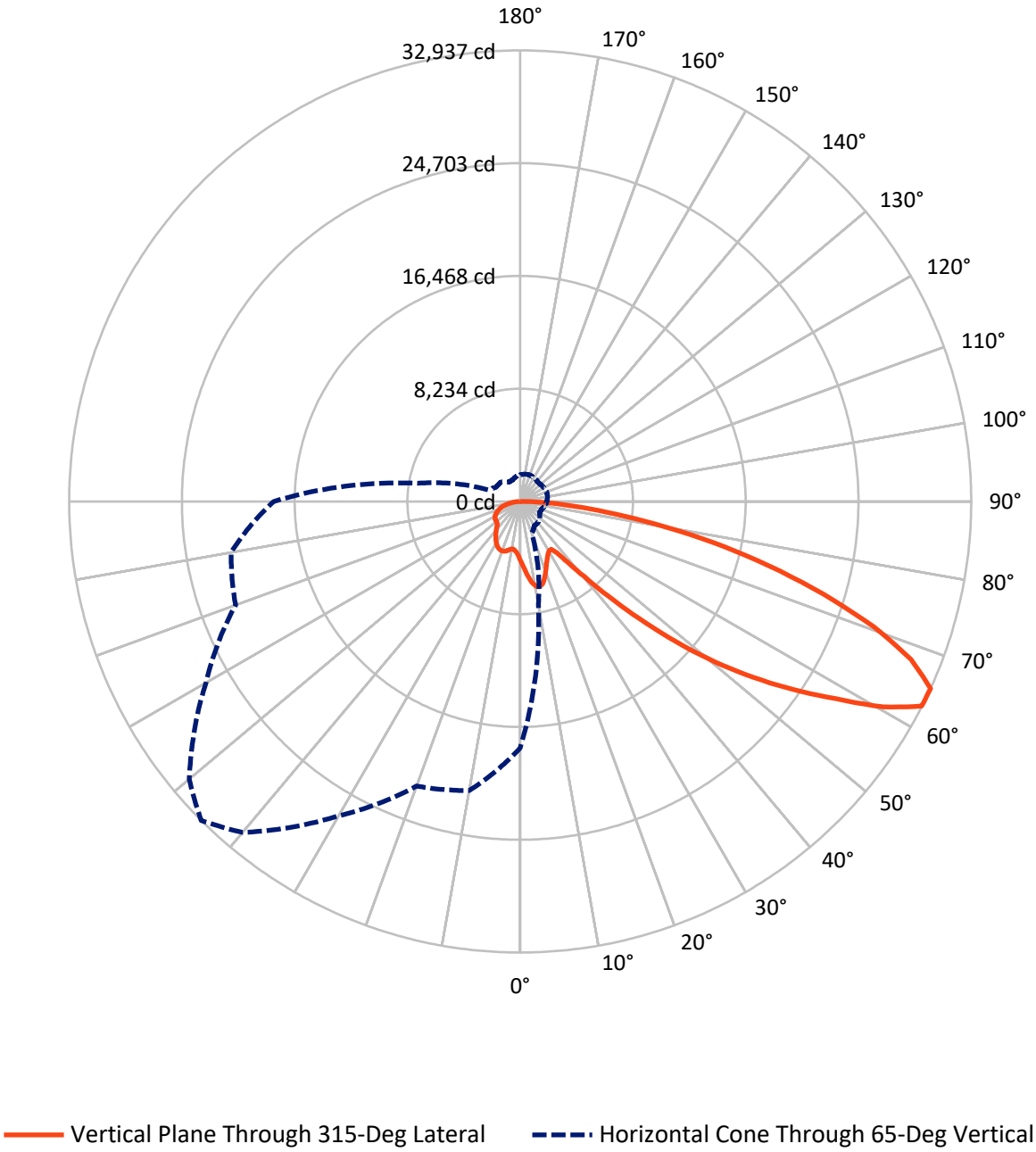
Luminous Intensity Polar Plot



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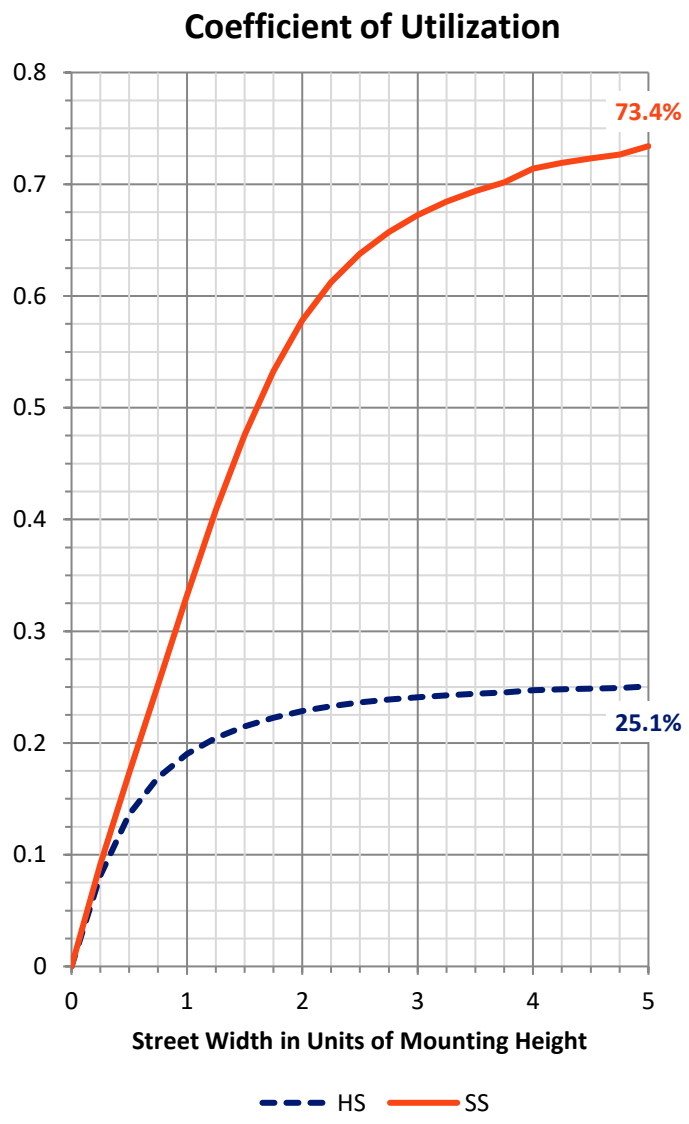
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	8020.7	0.0	8020.7
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	23538.3	0.0	23538.3
	% Fixture	74.6	0.0	74.6
Total	Lumens	31559.0	0.0	31559.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	430.5	1.4
10°-20°	1351.4	4.3
20°-30°	2087.4	6.6
30°-40°	2645.3	8.4
40°-50°	3989.8	12.6
50°-60°	6446.1	20.4
60°-70°	8036.1	25.5
70°-80°	5269.7	16.7
80°-90°	1302.8	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°	31559.0	100.0
0°-180°	31559.0	100.0



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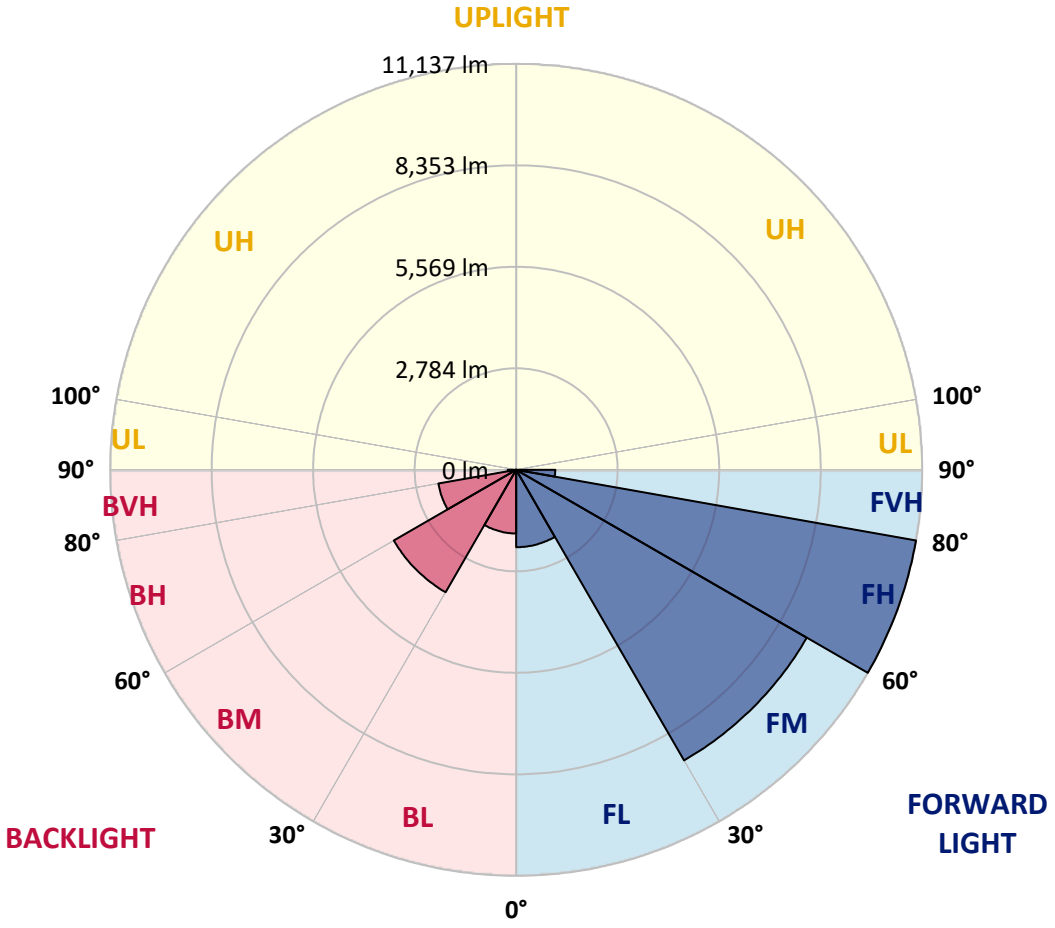
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	2122.7	6.7			
FM	(30°-60°)	9205.1	29.2			
FH	(60°-80°)	11137.3	35.3			G4/12000
FVH	(80°-90°)	1073.2	3.4			G5
BL	(0°-30°)	1746.6	5.5	B3/2500		
BM	(30°-60°)	3876.1	12.3	B3/5000		
BH	(60°-80°)	2168.4	6.9	B3/2500		G3/2500
BVH	(80°-90°)	229.6	0.7			G3/500
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G5
Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°
0°	4339.6	4339.6	4339.6	4339.6	4339.6	4339.6	4339.6	4339.6	4339.6	4339.6
2.5°	4666.9	4631.1	4595.2	4557.1	4519.1	4480.8	4442.5	4405.9	4369.3	4333.8
5°	5018.2	4939.1	4860.0	4781.1	4702.3	4622.9	4543.6	4469.5	4395.4	4325.5
7.5°	5371.3	5240.7	5110.3	4989.7	4869.2	4751.8	4634.4	4531.0	4427.6	4332.1
10°	5641.9	5476.8	5311.8	5152.4	4993.2	4850.7	4708.0	4585.8	4463.2	4345.5
12.5°	5807.5	5626.2	5445.0	5264.5	5084.0	4915.8	4747.6	4609.2	4470.9	4347.1
15°	5908.3	5719.3	5530.3	5334.5	5138.6	4945.0	4751.3	4591.1	4430.9	4293.8
17.5°	5964.9	5773.2	5581.6	5367.9	5154.3	4929.5	4704.7	4512.0	4319.3	4158.1
20°	6027.4	5828.2	5628.9	5394.1	5159.3	4886.8	4614.4	4375.6	4136.8	3949.1
22.5°	6099.8	5896.3	5692.6	5429.4	5165.9	4834.5	4503.2	4215.6	3928.0	3714.3
25°	6193.1	5993.6	5794.2	5493.3	5192.2	4782.9	4373.8	4036.9	3700.2	3481.2
27.5°	6319.6	6129.4	5939.1	5593.2	5247.2	4748.5	4249.7	3873.5	3497.4	3298.0
30°	6490.3	6306.5	6122.8	5722.6	5322.5	4732.3	4141.8	3737.0	3332.2	3164.8
32.5°	6691.8	6509.8	6327.9	5857.7	5387.4	4712.3	4036.9	3619.2	3201.4	3066.6
35°	6936.6	6762.4	6588.1	6011.5	5435.0	4674.7	3914.7	3503.5	3092.4	2980.0
37.5°	7348.7	7126.6	6904.4	6183.9	5463.3	4610.2	3757.1	3367.3	2977.5	2879.2
40°	7971.5	7647.8	7324.1	6402.7	5481.2	4521.5	3562.0	3204.8	2847.6	2758.5
42.5°	8797.5	8330.2	7863.0	6689.0	5515.0	4429.9	3345.1	3025.4	2705.7	2623.6
45°	9817.5	9187.2	8556.9	7065.6	5574.4	4344.8	3115.3	2834.9	2554.5	2471.2
47.5°	11093.0	10206.0	9318.7	7467.0	5615.2	4274.5	2933.8	2684.2	2434.6	2327.2
50°	12765.0	11427.6	10090.1	7839.3	5588.6	4197.9	2807.3	2584.1	2361.0	2219.8
52.5°	14684.2	12710.8	10737.5	8081.1	5424.5	4068.5	2712.7	2518.2	2323.9	2161.5
55°	16727.4	13848.5	10969.8	8027.8	5085.7	3854.0	2622.4	2470.4	2318.4	2167.3
57.5°	18585.8	14654.8	10723.9	7652.8	4581.9	3551.6	2521.2	2413.8	2306.4	2173.1
60°	19709.0	14856.3	10003.5	6954.9	3906.3	3159.0	2411.6	2327.2	2242.8	2154.8
62.5°	19138.7	14007.9	8877.1	6011.2	3145.3	2689.0	2232.8	2176.6	2120.7	2109.9
65°	*17997.2*	*12807.4*	*7617.7*	*5048.4*	*2479.2*	*2266.2*	*2053.2*	*2026.8*	*2000.3*	*2001.6*
67.5°	16467.6	11378.8	6290.0	4105.2	1920.4	1859.9	1799.3	1814.1	1828.8	1825.1
70°	14630.0	9820.0	5009.9	3232.2	1454.6	1471.9	1489.1	1557.7	1626.1	1626.1
72.5°	12440.2	8130.1	3820.1	2471.1	1122.0	1174.2	1226.5	1323.7	1420.8	1437.1
75°	9670.1	6192.9	2715.7	1793.5	871.3	918.6	965.8	1074.8	1183.7	1258.9
77.5°	6909.1	4334.5	1759.8	1215.3	670.8	702.9	735.2	840.9	946.7	1070.8
80°	4522.0	2792.6	1063.3	783.0	502.9	516.2	529.5	619.1	708.6	856.8
82.5°	2628.6	1616.3	604.2	481.6	359.4	361.7	364.4	430.3	496.2	622.8
85°	1156.5	727.0	297.7	257.4	217.3	216.1	214.8	263.1	311.4	405.5
87.5°	358.0	238.1	118.2	106.7	95.3	94.1	92.9	112.6	132.4	171.5
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°
4339.6	0°	4339.6	4339.6	4339.6	4339.6	4339.6	4339.6	4339.6	4339.6	4339.6	4339.6
4294.3	2.5°	4262.4	4230.6	4201.8	4173.1	4148.0	4122.8	4097.5	4072.4	4052.9	4033.2
4256.4	5°	4196.1	4135.6	4085.0	4034.6	3989.9	3945.3	3904.8	3864.2	3833.1	3801.8
4242.7	7.5°	4162.5	4082.4	4015.7	3949.1	3893.0	3836.7	3787.1	3737.6	3700.5	3663.5
4249.4	10°	4164.8	4080.2	4013.6	3947.0	3886.5	3825.9	3770.1	3714.3	3670.0	3625.6
4257.7	12.5°	4188.4	4119.5	4075.2	4031.2	3983.6	3936.3	3878.5	3820.9	3764.3	3707.7
4222.2	15°	4189.1	4156.1	4162.1	4168.1	4155.8	4143.5	4093.3	4043.2	3962.6	3882.0
4114.0	17.5°	4126.1	4138.1	4210.7	4283.3	4322.0	4360.4	4320.0	4279.7	4172.9	4066.2
3937.5	20°	3994.1	4050.7	4176.8	4303.0	4383.8	4464.5	4445.9	4427.1	4305.0	4183.1
3737.1	22.5°	3820.9	3904.7	4048.5	4192.8	4297.8	4402.9	4414.2	4425.4	4308.8	4192.3
3542.8	25°	3639.4	3736.0	3865.4	3994.9	4098.3	4201.8	4240.4	4278.9	4183.3	4087.8
3373.0	27.5°	3466.2	3559.5	3665.9	3772.1	3855.0	3938.0	3980.9	4024.1	3956.0	3888.0
3223.6	30°	3297.5	3371.8	3460.1	3548.3	3617.1	3686.0	3721.0	3756.0	3704.2	3652.2
3092.7	32.5°	3136.5	3180.3	3250.7	3321.3	3387.3	3453.4	3492.2	3531.2	3483.5	3435.7
2969.1	35°	2981.1	2993.3	3047.1	3100.7	3166.0	3231.4	3278.0	3324.7	3290.7	3256.9
2839.6	37.5°	2826.3	2812.9	2851.6	2890.0	2955.1	3020.4	3078.0	3135.7	3120.0	3104.4
2697.7	40°	2667.6	2637.4	2665.2	2693.0	2756.0	2818.9	2885.2	2951.7	2955.5	2959.1
2547.0	42.5°	2507.0	2467.1	2489.7	2512.5	2572.1	2631.9	2703.5	2775.1	2794.3	2813.4
2397.1	45°	2358.2	2319.4	2338.3	2357.7	2414.3	2470.9	2545.2	2619.4	2646.9	2674.4
2263.4	47.5°	2230.8	2198.1	2216.1	2233.9	2289.4	2344.7	2417.9	2491.2	2522.8	2554.5
2145.7	50°	2116.7	2087.9	2115.9	2144.0	2196.3	2248.4	2314.0	2379.6	2420.3	2460.9
2057.9	52.5°	2029.3	2000.8	2042.9	2084.9	2132.8	2180.6	2241.8	2303.0	2351.2	2399.3
2011.3	55°	1966.0	1920.9	1980.6	2040.3	2091.9	2143.5	2197.1	2250.6	2301.5	2352.7
1983.3	57.5°	1917.4	1851.4	1915.7	1980.0	2040.6	2101.2	2154.2	2207.3	2258.7	2310.0
1957.0	60°	1871.6	1786.0	1842.4	1898.7	1968.3	2037.9	2091.7	2145.7	2197.3	2248.9
1926.4	62.5°	1819.4	1712.7	1748.5	1784.3	1865.4	1946.7	2004.1	2061.6	2108.9	2156.2
1861.7	65°	*1748.2*	*1634.4*	*1648.3*	*1661.9*	*1748.8*	*1835.9*	*1890.9*	*1945.8*	*1987.5*	*2029.1*
1746.5	67.5°	1651.9	1557.3	1553.0	1548.7	1628.9	1709.4	1761.5	1813.5	1849.4	1885.4
1600.3	70°	1533.0	1465.8	1450.8	1435.8	1506.4	1577.0	1622.0	1666.9	1699.4	1731.9
1437.4	72.5°	1391.3	1345.2	1323.2	1301.4	1357.0	1412.5	1453.1	1493.7	1525.5	1557.3
1252.6	75°	1217.1	1181.5	1160.5	1139.4	1180.7	1222.0	1258.8	1295.6	1324.5	1353.5
1067.4	77.5°	1038.9	1010.5	989.2	967.8	1001.5	1035.0	1066.6	1098.2	1128.7	1159.0
856.3	80°	832.5	808.5	790.7	772.7	800.7	828.5	855.1	881.7	904.9	927.9
629.8	82.5°	618.1	606.5	593.8	581.2	578.8	576.5	567.2	557.9	607.1	656.4
414.6	85°	402.2	389.7	375.5	361.4	349.4	337.2	311.4	285.6	331.7	378.0
183.2	87.5°	178.2	173.2	170.5	167.9	167.4	166.9	147.2	127.4	146.7	166.2
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°
4339.6	0°	4339.6	4339.6	4339.6	4339.6	4339.6	4339.6	4339.6	4339.6	4339.6	4339.6
4017.4	2.5°	4001.6	3989.3	3976.9	3965.6	3954.1	3940.0	3954.1	3965.6	3976.9	3989.3
3779.9	5°	3758.1	3742.6	3727.2	3715.3	3703.5	3691.9	3703.5	3715.3	3727.2	3742.6
3637.6	7.5°	3611.6	3593.8	3576.1	3565.5	3555.0	3547.0	3555.0	3565.5	3576.1	3593.8
3596.6	10°	3567.3	3550.5	3533.7	3524.7	3515.7	3512.0	3515.7	3524.7	3533.7	3550.5
3670.2	12.5°	3632.7	3613.9	3595.3	3587.6	3579.9	3578.6	3579.9	3587.6	3595.3	3613.9
3825.1	15°	3768.1	3742.0	3716.0	3706.0	3696.0	3695.2	3696.0	3706.0	3716.0	3742.0
3982.3	17.5°	3898.3	3859.7	3820.9	3808.3	3795.4	3793.4	3795.4	3808.3	3820.9	3859.7
4080.2	20°	3977.4	3928.0	3878.4	3862.5	3846.7	3841.7	3846.7	3862.5	3878.4	3928.0
4086.4	22.5°	3980.3	3928.2	3875.9	3858.4	3840.9	3833.4	3840.9	3858.4	3875.9	3928.2
3993.6	25°	3899.7	3854.4	3809.3	3792.8	3776.4	3766.8	3776.4	3792.8	3809.3	3854.4
3814.9	27.5°	3741.8	3711.5	3681.0	3673.5	3666.0	3663.5	3666.0	3673.5	3681.0	3711.5
3599.9	30°	3547.3	3531.8	3516.2	3516.2	3516.2	3518.7	3516.2	3516.2	3516.2	3531.8
3393.9	32.5°	3352.1	3342.0	3331.8	3333.2	3334.7	3337.2	3334.7	3333.2	3331.8	3342.0
3218.3	35°	3179.8	3164.3	3149.0	3145.7	3142.3	3140.7	3142.3	3145.7	3149.0	3164.3
3068.9	37.5°	3033.2	3005.1	2977.1	2962.3	2947.5	2939.2	2947.5	2962.3	2977.1	3005.1
2929.0	40°	2898.9	2857.9	2817.3	2789.6	2762.3	2746.0	2762.3	2789.6	2817.3	2857.9
2788.0	42.5°	2762.6	2711.9	2661.1	2620.9	2580.8	2554.5	2580.8	2620.9	2661.1	2711.9
2651.4	45°	2628.6	2570.5	2512.5	2465.4	2418.3	2388.0	2418.3	2465.4	2512.5	2570.5
2538.5	47.5°	2522.5	2470.9	2419.3	2375.6	2332.2	2303.0	2332.2	2375.6	2419.3	2470.9
2459.9	50°	2459.2	2417.9	2376.6	2336.3	2296.0	2268.1	2296.0	2336.3	2376.6	2417.9
2407.9	52.5°	2416.6	2383.0	2349.3	2313.2	2277.2	2251.4	2277.2	2313.2	2349.3	2383.0
2364.7	55°	2376.6	2347.3	2318.0	2286.4	2254.7	2231.4	2254.7	2286.4	2318.0	2347.3
2322.2	57.5°	2334.3	2304.7	2275.1	2243.8	2212.3	2188.1	2212.3	2243.8	2275.1	2304.7
2262.2	60°	2275.6	2246.6	2217.8	2185.5	2153.2	2128.2	2153.2	2185.5	2217.8	2246.6
2169.0	62.5°	2181.8	2155.7	2129.5	2095.5	2061.6	2031.6	2061.6	2095.5	2129.5	2155.7
2042.3	65°	*2055.2*	*2030.1*	*2005.0*	*1972.0*	*1939.2*	*1913.4*	*1939.2*	*1972.0*	*2005.0*	*2030.1*
1898.2	67.5°	1910.9	1887.7	1864.7	1834.1	1803.5	1780.1	1803.5	1834.1	1864.7	1887.7
1744.2	70°	1756.5	1737.7	1718.9	1689.6	1660.3	1633.6	1660.3	1689.6	1718.9	1737.7
1572.0	72.5°	1586.6	1571.0	1555.3	1527.4	1499.6	1473.7	1499.6	1527.4	1555.3	1571.0
1368.8	75°	1384.2	1376.5	1368.8	1345.4	1321.9	1297.2	1321.9	1345.4	1368.8	1376.5
1173.3	77.5°	1187.7	1177.0	1166.0	1142.4	1118.7	1099.1	1118.7	1142.4	1166.0	1177.0
946.9	80°	965.8	961.2	956.7	924.9	892.9	855.9	892.9	924.9	956.7	961.2
688.7	82.5°	721.1	719.1	716.9	690.1	663.1	639.5	663.1	690.1	716.9	719.1
418.0	85°	457.9	454.6	451.3	430.3	409.3	388.0	409.3	430.3	451.3	454.6
182.3	87.5°	198.5	194.5	190.2	179.5	168.5	158.2	168.5	179.5	190.2	194.5
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

160°		165°	170°	175°	180°	185°	190°	195°	200°	205°	210°
4339.6	0°	4339.6	4339.6	4339.6	4339.6	4339.6	4339.6	4339.6	4339.6	4339.6	4339.6
4001.6	2.5°	4017.4	4033.2	4052.9	4072.4	4097.5	4122.8	4148.0	4173.1	4201.8	4230.6
3758.1	5°	3779.9	3801.8	3833.1	3864.2	3904.8	3945.3	3989.9	4034.6	4085.0	4135.6
3611.6	7.5°	3637.6	3663.5	3700.5	3737.6	3787.1	3836.7	3893.0	3949.1	4015.7	4082.4
3567.3	10°	3596.6	3625.6	3670.0	3714.3	3770.1	3825.9	3886.5	3947.0	4013.6	4080.2
3632.7	12.5°	3670.2	3707.7	3764.3	3820.9	3878.5	3936.3	3983.6	4031.2	4075.2	4119.5
3768.1	15°	3825.1	3882.0	3962.6	4043.2	4093.3	4143.5	4155.8	4168.1	4162.1	4156.1
3898.3	17.5°	3982.3	4066.2	4172.9	4279.7	4320.0	4360.4	4322.0	4283.3	4210.7	4138.1
3977.4	20°	4080.2	4183.1	4305.0	4427.1	4445.9	4464.5	4383.8	4303.0	4176.8	4050.7
3980.3	22.5°	4086.4	4192.3	4308.8	4425.4	4414.2	4402.9	4297.8	4192.8	4048.5	3904.7
3899.7	25°	3993.6	4087.8	4183.3	4278.9	4240.4	4201.8	4098.3	3994.9	3865.4	3736.0
3741.8	27.5°	3814.9	3888.0	3956.0	4024.1	3980.9	3938.0	3855.0	3772.1	3665.9	3559.5
3547.3	30°	3599.9	3652.2	3704.2	3756.0	3721.0	3686.0	3617.1	3548.3	3460.1	3371.8
3352.1	32.5°	3393.9	3435.7	3483.5	3531.2	3492.2	3453.4	3387.3	3321.3	3250.7	3180.3
3179.8	35°	3218.3	3256.9	3290.7	3324.7	3278.0	3231.4	3166.0	3100.7	3047.1	2993.3
3033.2	37.5°	3068.9	3104.4	3120.0	3135.7	3078.0	3020.4	2955.1	2890.0	2851.6	2812.9
2898.9	40°	2929.0	2959.1	2955.5	2951.7	2885.2	2818.9	2756.0	2693.0	2665.2	2637.4
2762.6	42.5°	2788.0	2813.4	2794.3	2775.1	2703.5	2631.9	2572.1	2512.5	2489.7	2467.1
2628.6	45°	2651.4	2674.4	2646.9	2619.4	2545.2	2470.9	2414.3	2357.7	2338.3	2319.4
2522.5	47.5°	2538.5	2554.5	2522.8	2491.2	2417.9	2344.7	2289.4	2233.9	2216.1	2198.1
2459.2	50°	2459.9	2460.9	2420.3	2379.6	2314.0	2248.4	2196.3	2144.0	2115.9	2087.9
2416.6	52.5°	2407.9	2399.3	2351.2	2303.0	2241.8	2180.6	2132.8	2084.9	2042.9	2000.8
2376.6	55°	2364.7	2352.7	2301.5	2250.6	2197.1	2143.5	2091.9	2040.3	1980.6	1920.9
2334.3	57.5°	2322.2	2310.0	2258.7	2207.3	2154.2	2101.2	2040.6	1980.0	1915.7	1851.4
2275.6	60°	2262.2	2248.9	2197.3	2145.7	2091.7	2037.9	1968.3	1898.7	1842.4	1786.0
2181.8	62.5°	2169.0	2156.2	2108.9	2061.6	2004.1	1946.7	1865.4	1784.3	1748.5	1712.7
2055.2	65°	*2042.3*	*2029.1*	*1987.5*	*1945.8*	*1890.9*	*1835.9*	*1748.8*	*1661.9*	*1648.3*	*1634.4*
1910.9	67.5°	1898.2	1885.4	1849.4	1813.5	1761.5	1709.4	1628.9	1548.7	1553.0	1557.3
1756.5	70°	1744.2	1731.9	1699.4	1666.9	1622.0	1577.0	1506.4	1435.8	1450.8	1465.8
1586.6	72.5°	1572.0	1557.3	1525.5	1493.7	1453.1	1412.5	1357.0	1301.4	1323.2	1345.2
1384.2	75°	1368.8	1353.5	1324.5	1295.6	1258.8	1222.0	1180.7	1139.4	1160.5	1181.5
1187.7	77.5°	1173.3	1159.0	1128.7	1098.2	1066.6	1035.0	1001.5	967.8	989.2	1010.5
965.8	80°	946.9	927.9	904.9	881.7	855.1	828.5	800.7	772.7	790.7	808.5
721.1	82.5°	688.7	656.4	607.1	557.9	567.2	576.5	578.8	581.2	593.8	606.5
457.9	85°	418.0	378.0	331.7	285.6	311.4	337.2	349.4	361.4	375.5	389.7
198.5	87.5°	182.3	166.2	146.7	127.4	147.2	166.9	167.4	167.9	170.5	173.2
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):

215°		220°	225°	230°	235°	240°	245°	250°	255°	260°	265°
4339.6	0°	4339.6	4339.6	4339.6	4339.6	4339.6	4339.6	4339.6	4339.6	4339.6	4339.6
4262.4	2.5°	4294.3	4333.8	4369.3	4405.9	4442.5	4480.8	4519.1	4557.1	4595.2	4631.1
4196.1	5°	4256.4	4325.5	4395.4	4469.5	4543.6	4622.9	4702.3	4781.1	4860.0	4939.1
4162.5	7.5°	4242.7	4332.1	4427.6	4531.0	4634.4	4751.8	4869.2	4989.7	5110.3	5240.7
4164.8	10°	4249.4	4345.5	4463.2	4585.8	4708.0	4850.7	4993.2	5152.4	5311.8	5476.8
4188.4	12.5°	4257.7	4347.1	4470.9	4609.2	4747.6	4915.8	5084.0	5264.5	5445.0	5626.2
4189.1	15°	4222.2	4293.8	4430.9	4591.1	4751.3	4945.0	5138.6	5334.5	5530.3	5719.3
4126.1	17.5°	4114.0	4158.1	4319.3	4512.0	4704.7	4929.5	5154.3	5367.9	5581.6	5773.2
3994.1	20°	3937.5	3949.1	4136.8	4375.6	4614.4	4886.8	5159.3	5394.1	5628.9	5828.2
3820.9	22.5°	3737.1	3714.3	3928.0	4215.6	4503.2	4834.5	5165.9	5429.4	5692.6	5896.3
3639.4	25°	3542.8	3481.2	3700.2	4036.9	4373.8	4782.9	5192.2	5493.3	5794.2	5993.6
3466.2	27.5°	3373.0	3298.0	3497.4	3873.5	4249.7	4748.5	5247.2	5593.2	5939.1	6129.4
3297.5	30°	3223.6	3164.8	3332.2	3737.0	4141.8	4732.3	5322.5	5722.6	6122.8	6306.5
3136.5	32.5°	3092.7	3066.6	3201.4	3619.2	4036.9	4712.3	5387.4	5857.7	6327.9	6509.8
2981.1	35°	2969.1	2980.0	3092.4	3503.5	3914.7	4674.7	5435.0	6011.5	6588.1	6762.4
2826.3	37.5°	2839.6	2879.2	2977.5	3367.3	3757.1	4610.2	5463.3	6183.9	6904.4	7126.6
2667.6	40°	2697.7	2758.5	2847.6	3204.8	3562.0	4521.5	5481.2	6402.7	7324.1	7647.8
2507.0	42.5°	2547.0	2623.6	2705.7	3025.4	3345.1	4429.9	5515.0	6689.0	7863.0	8330.2
2358.2	45°	2397.1	2471.2	2554.5	2834.9	3115.3	4344.8	5574.4	7065.6	8556.9	9187.2
2230.8	47.5°	2263.4	2327.2	2434.6	2684.2	2933.8	4274.5	5615.2	7467.0	9318.7	10206.0
2116.7	50°	2145.7	2219.8	2361.0	2584.1	2807.3	4197.9	5588.6	7839.3	10090.1	11427.6
2029.3	52.5°	2057.9	2161.5	2323.9	2518.2	2712.7	4068.5	5424.5	8081.1	10737.5	12710.8
1966.0	55°	2011.3	2167.3	2318.4	2470.4	2622.4	3854.0	5085.7	8027.8	10969.8	13848.5
1917.4	57.5°	1983.3	2173.1	2306.4	2413.8	2521.2	3551.6	4581.9	7652.8	10723.9	14654.8
1871.6	60°	1957.0	2154.8	2242.8	2327.2	2411.6	3159.0	3906.3	6954.9	10003.5	14856.3
1819.4	62.5°	1926.4	2109.9	2120.7	2176.6	2232.8	2689.0	3145.3	6011.2	8877.1	14007.9
1748.2	65°	*1861.7*	*2001.6*	*2000.3*	*2026.8*	*2053.2*	*2266.2*	*2479.2*	*5048.4*	*7617.7*	*12807.4*
1651.9	67.5°	1746.5	1825.1	1828.8	1814.1	1799.3	1859.9	1920.4	4105.2	6290.0	11378.8
1533.0	70°	1600.3	1626.1	1626.1	1557.7	1489.1	1471.9	1454.6	3232.2	5009.9	9820.0
1391.3	72.5°	1437.4	1437.1	1420.8	1323.7	1226.5	1174.2	1122.0	2471.1	3820.1	8130.1
1217.1	75°	1252.6	1258.9	1183.7	1074.8	965.8	918.6	871.3	1793.5	2715.7	6192.9
1038.9	77.5°	1067.4	1070.8	946.7	840.9	735.2	702.9	670.8	1215.3	1759.8	4334.5
832.5	80°	856.3	856.8	708.6	619.1	529.5	516.2	502.9	783.0	1063.3	2792.6
618.1	82.5°	629.8	622.8	496.2	430.3	364.4	361.7	359.4	481.6	604.2	1616.3
402.2	85°	414.6	405.5	311.4	263.1	214.8	216.1	217.3	257.4	297.7	727.0
178.2	87.5°	183.2	171.5	132.4	112.6	92.9	94.1	95.3	106.7	118.2	238.1
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):

270°		275°	280°	285°	290°	295°	300°	305°	310°	315°	320°
4339.6	0°	4339.6	4339.6	4339.6	4339.6	4339.6	4339.6	4339.6	4339.6	*4339.6*	4339.6
4666.9	2.5°	4684.5	4702.3	4727.5	4752.6	4767.6	4782.6	4790.1	4797.6	*4794.2*	4797.6
5018.2	5°	5080.0	5142.0	5203.2	5264.7	5298.0	5331.3	5351.4	5371.8	*5387.1*	5371.8
5371.3	7.5°	5471.8	5572.3	5662.7	5753.1	5807.5	5862.0	5891.5	5920.8	*5934.9*	5920.8
5641.9	10°	5760.8	5879.7	5985.7	6091.8	6156.1	6220.0	6248.7	6277.1	*6288.0*	6277.1
5807.5	12.5°	5936.4	6065.2	6161.1	6256.7	6303.3	6349.9	6365.6	6381.2	*6382.9*	6381.2
5908.3	15°	6019.5	6130.6	6190.7	6251.0	6252.7	6254.3	6237.7	6221.0	*6201.4*	6221.0
5964.9	17.5°	6040.0	6115.1	6116.3	6117.3	6049.8	5982.4	5920.6	5858.7	*5815.0*	5858.7
6027.4	20°	6053.5	6079.8	6000.7	5921.6	5772.7	5623.9	5515.5	5407.1	*5340.4*	5407.1
6099.8	22.5°	6065.5	6031.2	5867.3	5703.5	5484.5	5265.5	5130.0	4994.4	*4920.8*	4994.4
6193.1	25°	6084.8	5976.6	5727.8	5479.0	5213.1	4947.1	4804.6	4662.4	*4592.8*	4662.4
6319.6	27.5°	6126.1	5932.4	5602.9	5273.5	4978.8	4684.0	4543.8	4403.7	*4338.0*	4403.7
6490.3	30°	6201.7	5913.3	5507.6	5102.0	4794.9	4487.8	4357.8	4227.7	*4166.4*	4227.7
6691.8	32.5°	6296.6	5901.6	5442.7	4983.8	4695.2	4406.6	4304.5	4202.3	*4158.1*	4202.3
6936.6	35°	6453.0	5969.6	5491.3	5013.2	4812.7	4612.4	4588.6	4564.8	*4561.1*	4564.8
7348.7	37.5°	6779.9	6211.0	5776.4	5341.8	5328.8	5315.8	5424.7	5533.6	*5590.2*	5533.6
7971.5	40°	7352.9	6734.3	6411.0	6087.8	6315.9	6544.1	6808.9	7073.6	*7205.5*	7073.6
8797.5	42.5°	8183.7	7569.9	7383.7	7197.5	7695.1	8192.7	8674.3	9155.9	*9438.6*	9155.9
9817.5	45°	9266.1	8714.6	8632.5	8550.2	9347.4	10144.7	10936.0	11727.5	*12207.9*	11727.5
11093.0	47.5°	10556.7	10020.1	10003.5	9986.8	11136.8	12286.5	13445.0	14603.4	*15283.6*	14603.4
12765.0	50°	12102.4	11439.9	11442.7	11445.6	12927.6	14409.7	15938.9	17468.1	*18392.7*	17468.1
14684.2	52.5°	13881.8	13079.7	12998.6	12917.3	14687.6	16458.0	18350.0	20241.9	*21350.1*	20241.9
16727.4	55°	15934.8	15142.1	14825.9	14509.6	16480.0	18450.1	20705.7	22961.3	*24279.3*	22961.3
18585.8	57.5°	18154.2	17722.4	17088.1	16454.0	18443.4	20432.9	22987.7	25542.4	*27176.8*	25542.4
19709.0	60°	20379.5	21050.1	20262.4	19474.7	21357.5	23240.2	25975.5	28710.9	*30477.4*	28710.9
19138.7	62.5°	20970.6	22802.6	22713.8	22624.9	24349.6	26074.4	28676.9	31279.2	*32911.9*	31279.2
17997.2	65°	*19716.5*	*21435.9*	*21776.1*	*22116.1*	*24307.9*	*26499.9*	*29023.4*	*31546.8*	*32936.9*	*31546.8*
16467.6	67.5°	18102.9	19738.2	19897.7	20057.1	22340.8	24624.3	27158.7	29693.0	*30782.1*	29693.0
14630.0	70°	16408.7	18187.5	18258.8	18330.2	20372.5	22414.6	24595.5	26776.3	*27381.7*	26776.3
12440.2	72.5°	14481.3	16522.6	16573.9	16625.0	18222.8	19820.6	21454.0	23087.3	*23148.6*	23087.3
9670.1	75°	11782.6	13895.2	14084.8	14274.5	15517.6	16760.7	17910.6	19060.4	*18752.3*	19060.4
6909.1	77.5°	8881.1	10853.2	11124.7	11396.1	12341.1	13286.2	14101.6	14917.3	*14387.7*	14917.3
4522.0	80°	6181.1	7840.0	8177.4	8514.7	9228.5	9941.9	10370.2	10798.3	*9946.5*	10798.3
2628.6	82.5°	3762.8	4897.2	5274.0	5651.0	6142.3	6633.5	6812.2	6990.7	*6321.3*	6990.7
1156.5	85°	1758.5	2360.5	2681.0	3001.6	3405.3	3808.8	3910.2	4011.6	*3475.4*	4011.6
358.0	87.5°	560.4	762.7	941.5	1120.4	1322.2	1524.0	1532.7	1541.2	*1293.9*	1541.2
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):

325°		330°	335°	340°	345°	350°	355°	360°
4339.6	0°	4339.6	4339.6	4339.6	4339.6	4339.6	4339.6	4339.6
4790.1	2.5°	4782.6	4767.6	4752.6	4727.5	4702.3	4684.5	4666.9
5351.4	5°	5331.3	5298.0	5264.7	5203.2	5142.0	5080.0	5018.2
5891.5	7.5°	5862.0	5807.5	5753.1	5662.7	5572.3	5471.8	5371.3
6248.7	10°	6220.0	6156.1	6091.8	5985.7	5879.7	5760.8	5641.9
6365.6	12.5°	6349.9	6303.3	6256.7	6161.1	6065.2	5936.4	5807.5
6237.7	15°	6254.3	6252.7	6251.0	6190.7	6130.6	6019.5	5908.3
5920.6	17.5°	5982.4	6049.8	6117.3	6116.3	6115.1	6040.0	5964.9
5515.5	20°	5623.9	5772.7	5921.6	6000.7	6079.8	6053.5	6027.4
5130.0	22.5°	5265.5	5484.5	5703.5	5867.3	6031.2	6065.5	6099.8
4804.6	25°	4947.1	5213.1	5479.0	5727.8	5976.6	6084.8	6193.1
4543.8	27.5°	4684.0	4978.8	5273.5	5602.9	5932.4	6126.1	6319.6
4357.8	30°	4487.8	4794.9	5102.0	5507.6	5913.3	6201.7	6490.3
4304.5	32.5°	4406.6	4695.2	4983.8	5442.7	5901.6	6296.6	6691.8
4588.6	35°	4612.4	4812.7	5013.2	5491.3	5969.6	6453.0	6936.6
5424.7	37.5°	5315.8	5328.8	5341.8	5776.4	6211.0	6779.9	7348.7
6808.9	40°	6544.1	6315.9	6087.8	6411.0	6734.3	7352.9	7971.5
8674.3	42.5°	8192.7	7695.1	7197.5	7383.7	7569.9	8183.7	8797.5
10936.0	45°	10144.7	9347.4	8550.2	8632.5	8714.6	9266.1	9817.5
13445.0	47.5°	12286.5	11136.8	9986.8	10003.5	10020.1	10556.7	11093.0
15938.9	50°	14409.7	12927.6	11445.6	11442.7	11439.9	12102.4	12765.0
18350.0	52.5°	16458.0	14687.6	12917.3	12998.6	13079.7	13881.8	14684.2
20705.7	55°	18450.1	16480.0	14509.6	14825.9	15142.1	15934.8	16727.4
22987.7	57.5°	20432.9	18443.4	16454.0	17088.1	17722.4	18154.2	18585.8
25975.5	60°	23240.2	21357.5	19474.7	20262.4	21050.1	20379.5	19709.0
28676.9	62.5°	26074.4	24349.6	22624.9	22713.8	22802.6	20970.6	19138.7
29023.4	65°	*26499.9*	*24307.9*	*22116.1*	*21776.1*	*21435.9*	*19716.5*	*17997.2*
27158.7	67.5°	24624.3	22340.8	20057.1	19897.7	19738.2	18102.9	16467.6
24595.5	70°	22414.6	20372.5	18330.2	18258.8	18187.5	16408.7	14630.0
21454.0	72.5°	19820.6	18222.8	16625.0	16573.9	16522.6	14481.3	12440.2
17910.6	75°	16760.7	15517.6	14274.5	14084.8	13895.2	11782.6	9670.1
14101.6	77.5°	13286.2	12341.1	11396.1	11124.7	10853.2	8881.1	6909.1
10370.2	80°	9941.9	9228.5	8514.7	8177.4	7840.0	6181.1	4522.0
6812.2	82.5°	6633.5	6142.3	5651.0	5274.0	4897.2	3762.8	2628.6
3910.2	85°	3808.8	3405.3	3001.6	2681.0	2360.5	1758.5	1156.5
1532.7	87.5°	1524.0	1322.2	1120.4	941.5	762.7	560.4	358.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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