

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: P955319

Luminaire Tested: **GALN-SB8B-760-U-SLL**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P955319
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-SB8B-760-U-SLL
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(8) 70 CRI, 5700K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR LEFT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 48001 lumens
Efficiency: N/A
Efficacy: 163.9 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B4 - U0 - G5

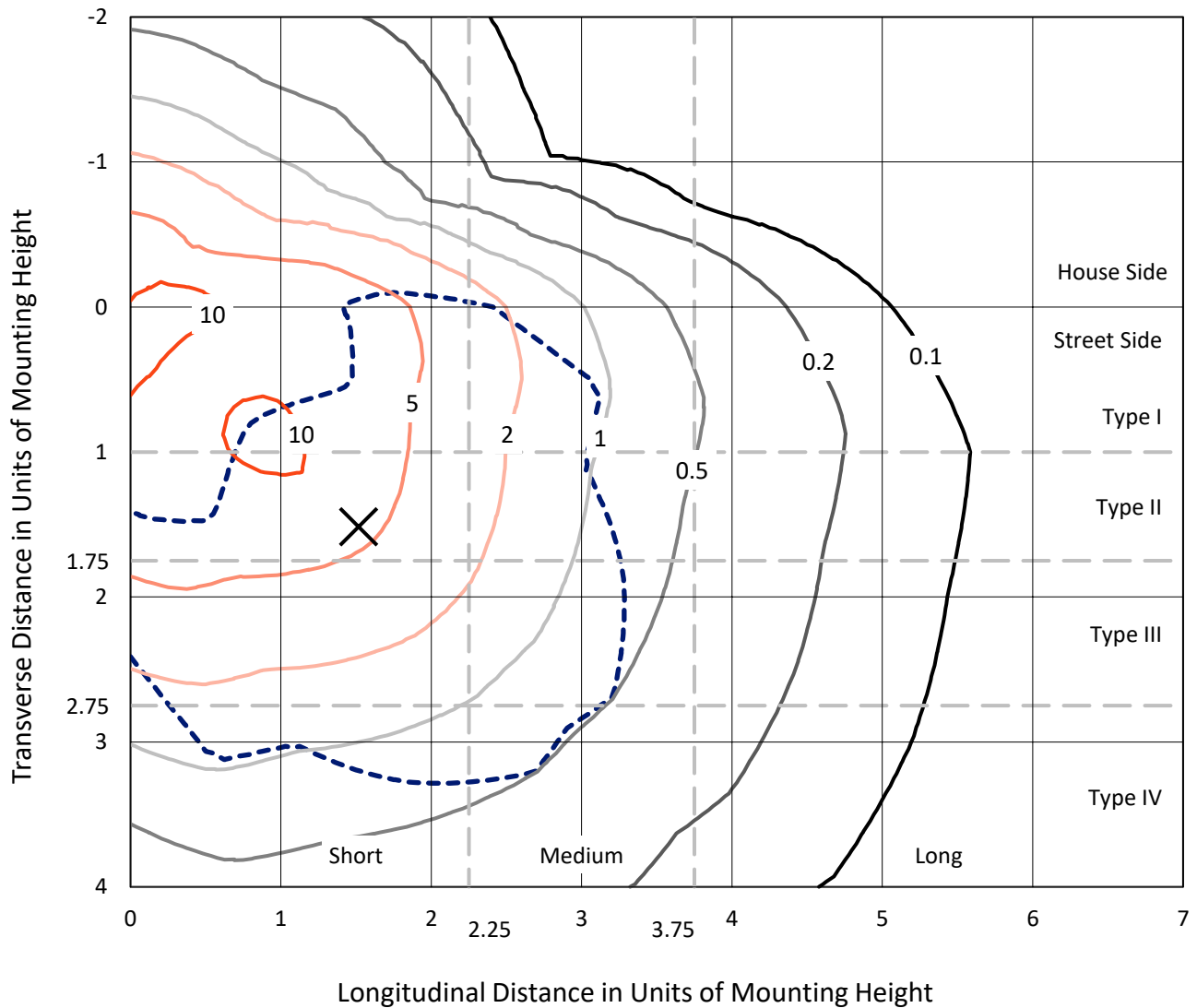
Input Watts (W): 292.8
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

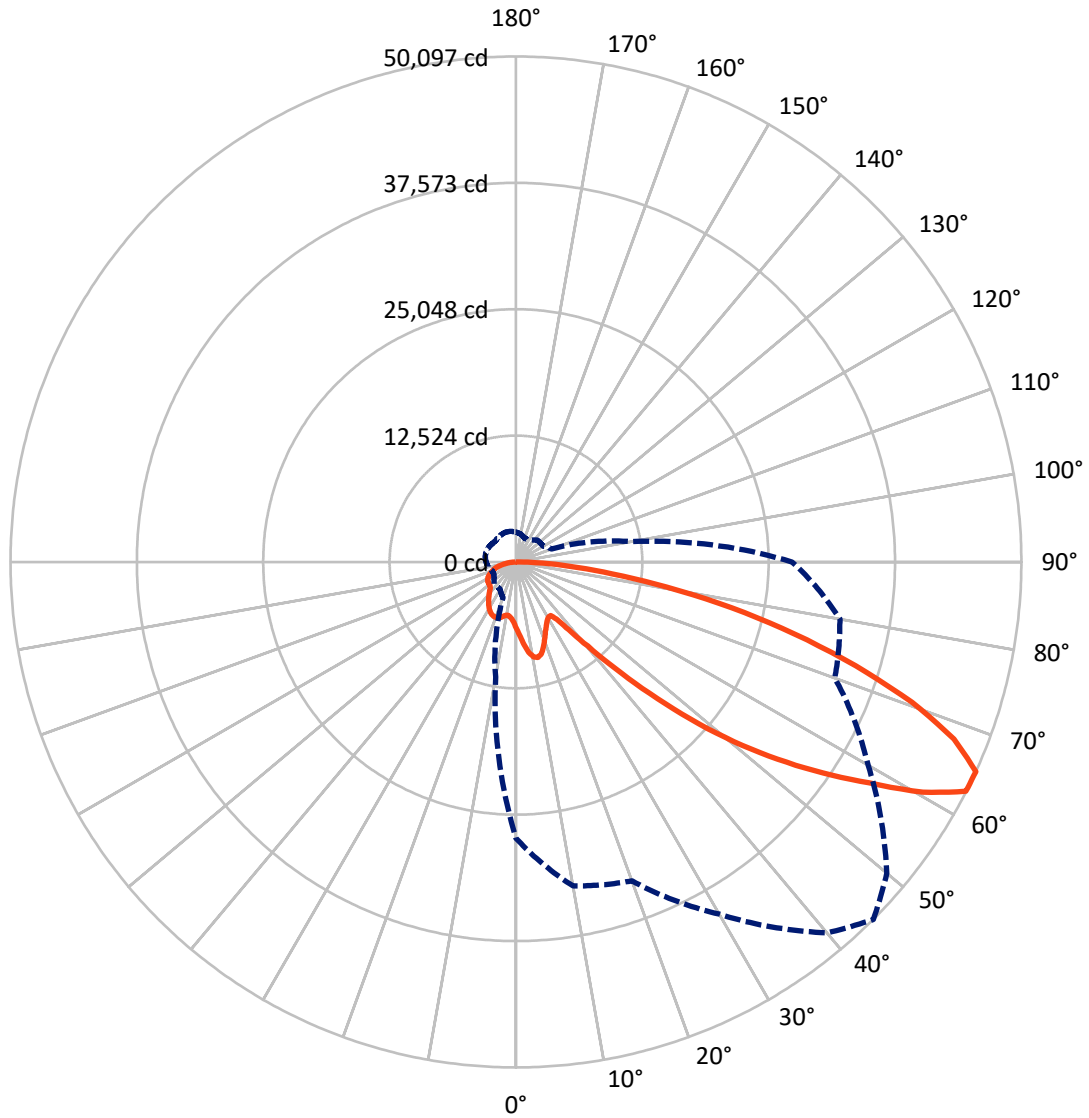
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 14.6 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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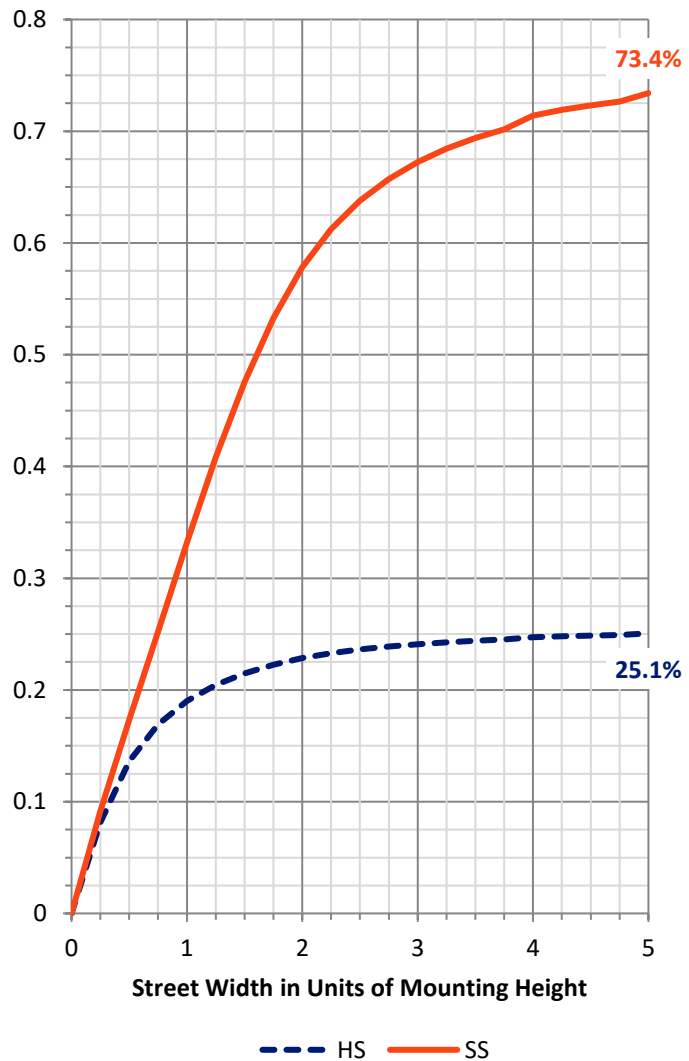
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	12199.4	0.0	12199.4
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	35801.6	0.0	35801.6
	% Fixture	74.6	0.0	74.6
Total	Lumens	48001.0	0.0	48001.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	654.8	1.4
10°-20°	2055.5	4.3
20°-30°	3175.0	6.6
30°-40°	4023.5	8.4
40°-50°	6068.4	12.6
50°-60°	9804.4	20.4
60°-70°	12222.8	25.5
70°-80°	8015.1	16.7
80°-90°	1981.5	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°	48001.0	100.0
0°-180°	48001.0	100.0

Coefficient of Utilization



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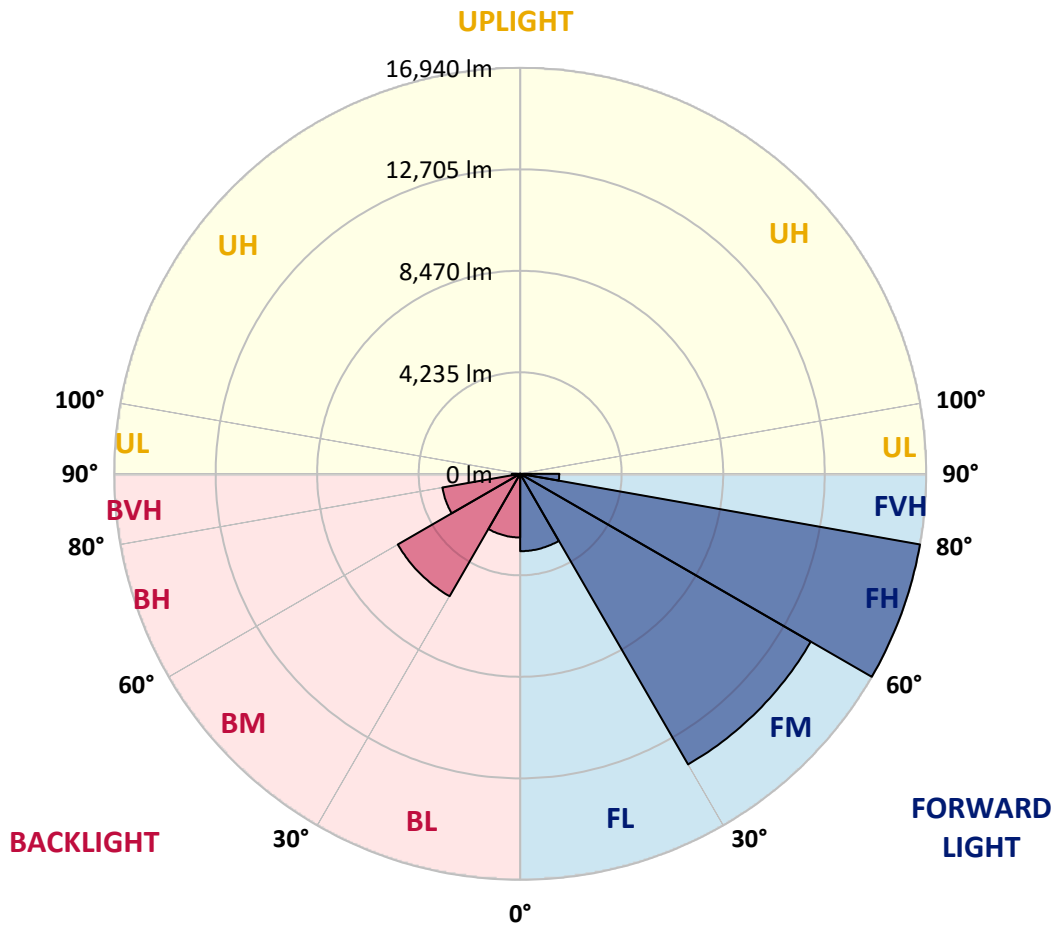
CATALOG NUMBER: GALN-SB8B-760-U-SLL

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	3228.6	6.7			
FM (30°-60°)	14000.8	29.2			
FH (60°-80°)	16939.7	35.3			G5
FVH (80°-90°)	1632.3	3.4			G5
BL (0°-30°)	2656.6	5.5	B4/5000		
BM (30°-60°)	5895.5	12.3	B4/8500		
BH (60°-80°)	3298.2	6.9	B4/5000		G4/5000
BVH (80°-90°)	349.2	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°	6600.6	6600.6	6600.6	6600.6	6600.6	6600.6	6600.6	6600.6	6600.6	6600.6
2.5°	7098.3	7125.1	7152.2	7190.4	7228.7	7251.5	7274.3	7285.7	7297.1	7292.0
5°	7632.7	7726.6	7820.9	7914.1	8007.5	8058.2	8108.9	8139.5	8170.4	8193.7
7.5°	8169.6	8322.6	8475.4	8612.9	8750.4	8833.2	8916.1	8960.9	9005.5	9027.0
10°	8581.2	8762.1	8942.9	9104.3	9265.6	9363.4	9460.6	9504.2	9547.5	9564.0
12.5°	8833.2	9029.3	9225.1	9371.0	9516.3	9587.3	9658.2	9682.0	9705.8	9708.3
15°	8986.5	9155.7	9324.6	9416.0	9507.7	9510.3	9512.8	9487.5	9462.1	9432.3
17.5°	9072.6	9186.8	9301.1	9302.8	9304.3	9201.8	9099.2	9005.2	8911.0	8844.6
20°	9167.6	9207.3	9247.4	9127.0	9006.7	8780.3	8553.9	8389.0	8224.1	8122.8
22.5°	9277.8	9225.6	9173.4	8924.2	8674.9	8341.9	8008.8	7802.6	7596.5	7484.5
25°	9419.6	9255.0	9090.3	8711.9	8333.5	7929.0	7524.5	7307.7	7091.4	6985.5
27.5°	9612.1	9317.8	9023.2	8522.0	8021.0	7572.7	7124.3	6911.1	6698.1	6598.0
30°	9871.7	9432.8	8994.1	8377.1	7760.1	7293.0	6826.0	6628.2	6430.3	6337.1
32.5°	10178.2	9577.1	8976.3	8278.3	7580.2	7141.3	6702.4	6547.1	6391.6	6324.5
35°	10550.5	9815.0	9079.7	8352.3	7625.1	7320.1	7015.4	6979.2	6943.0	6937.4
37.5°	11177.4	10312.2	9446.9	8785.9	8124.8	8105.1	8085.3	8250.9	8416.6	8502.7
40°	12124.6	11183.7	10242.8	9751.1	9259.5	9606.5	9953.5	10356.2	10758.9	10959.5
42.5°	13380.9	12447.3	11513.7	11230.6	10947.4	11704.2	12461.0	13193.5	13926.0	14356.1
45°	14932.3	14093.7	13254.8	13129.9	13004.8	14217.3	15430.0	16633.6	17837.4	18568.2
47.5°	16872.4	16056.6	15240.5	15215.2	15189.9	16939.1	18687.7	20449.8	22211.6	23246.3
50°	19415.4	18407.6	17400.0	17404.3	17408.6	19662.9	21917.1	24243.0	26568.9	27975.1
52.5°	22334.5	21114.2	19894.1	19770.8	19647.2	22339.8	25032.4	27910.2	30787.8	32473.4
55°	25442.3	24236.6	23031.0	22550.0	22069.0	25065.9	28062.5	31493.2	34923.9	36928.6
57.5°	28268.9	27612.4	26955.6	25990.9	25026.4	28052.3	31078.3	34964.2	38849.8	41335.8
60°	29977.3	30997.0	32017.0	30818.9	29620.9	32484.5	35348.2	39508.6	43669.0	46355.8
62.5°	29109.8	31896.2	34682.5	34547.5	34412.3	37035.5	39659.0	43617.3	47575.4	50058.8
65°	27373.5	29988.7	32603.8	33121.3	33638.5	36972.2	40306.2	44144.4	47982.4	50096.8
67.5°	25047.1	27534.4	30021.6	30264.3	30506.7	33980.2	37453.4	41308.2	45162.9	46819.3
70°	22252.2	24957.5	27663.0	27771.5	27880.1	30986.4	34092.4	37409.6	40726.6	41647.3
72.5°	18921.5	22026.0	25130.7	25208.7	25286.5	27716.7	30147.0	32631.4	35115.6	35208.8
75°	14708.1	17921.3	21134.4	21422.9	21711.4	23602.2	25492.9	27241.8	28990.8	28522.2
77.5°	10508.7	13508.1	16507.7	16920.6	17333.4	18770.8	20208.2	21448.5	22689.1	21883.6
80°	6877.9	9401.4	11924.6	12437.7	12950.9	14036.4	15121.5	15772.9	16424.1	15128.6
82.5°	3998.1	5723.2	7448.5	8021.7	8595.2	9342.3	10089.5	10361.3	10632.8	9614.6
85°	1759.0	2674.7	3590.3	4077.9	4565.4	5179.4	5793.1	5947.3	6101.6	5286.0
87.5°	544.6	852.3	1160.0	1432.1	1704.1	2011.1	2318.0	2331.2	2344.1	1968.0
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°
6600.6	0°	6600.6	6600.6	6600.6	6600.6	6600.6	6600.6	6600.6	6600.6	6600.6	6600.6
7297.1	2.5°	7285.7	7274.3	7251.5	7228.7	7190.4	7152.2	7125.1	7098.3	7043.8	6989.3
8170.4	5°	8139.5	8108.9	8058.2	8007.5	7914.1	7820.9	7726.6	7632.7	7512.4	7392.1
9005.5	7.5°	8960.9	8916.1	8833.2	8750.4	8612.9	8475.4	8322.6	8169.6	7971.1	7772.7
9547.5	10°	9504.2	9460.6	9363.4	9265.6	9104.3	8942.9	8762.1	8581.2	8330.2	8079.2
9705.8	12.5°	9682.0	9658.2	9587.3	9516.3	9371.0	9225.1	9029.3	8833.2	8557.4	8281.8
9462.1	15°	9487.5	9512.8	9510.3	9507.7	9416.0	9324.6	9155.7	8986.5	8699.0	8411.5
8911.0	17.5°	9005.2	9099.2	9201.8	9304.3	9302.8	9301.1	9186.8	9072.6	8781.1	8489.5
8224.1	20°	8389.0	8553.9	8780.3	9006.7	9127.0	9247.4	9207.3	9167.6	8864.6	8561.5
7596.5	22.5°	7802.6	8008.8	8341.9	8674.9	8924.2	9173.4	9225.6	9277.8	8968.2	8658.5
7091.4	25°	7307.7	7524.5	7929.0	8333.5	8711.9	9090.3	9255.0	9419.6	9116.2	8813.0
6698.1	27.5°	6911.1	7124.3	7572.7	8021.0	8522.0	9023.2	9317.8	9612.1	9322.8	9033.3
6430.3	30°	6628.2	6826.0	7293.0	7760.1	8377.1	8994.1	9432.8	9871.7	9592.1	9312.7
6391.6	32.5°	6547.1	6702.4	7141.3	7580.2	8278.3	8976.3	9577.1	10178.2	9901.3	9624.7
6943.0	35°	6979.2	7015.4	7320.1	7625.1	8352.3	9079.7	9815.0	10550.5	10285.6	10020.4
8416.6	37.5°	8250.9	8085.3	8105.1	8124.8	8785.9	9446.9	10312.2	11177.4	10839.5	10501.6
10758.9	40°	10356.2	9953.5	9606.5	9259.5	9751.1	10242.8	11183.7	12124.6	11632.3	11139.9
13926.0	42.5°	13193.5	12461.0	11704.2	10947.4	11230.6	11513.7	12447.3	13380.9	12670.2	11959.5
17837.4	45°	16633.6	15430.0	14217.3	13004.8	13129.9	13254.8	14093.7	14932.3	13973.6	13014.9
22211.6	47.5°	20449.8	18687.7	16939.1	15189.9	15215.2	15240.5	16056.6	16872.4	15523.2	14173.7
26568.9	50°	24243.0	21917.1	19662.9	17408.6	17404.3	17400.0	18407.6	19415.4	17381.3	15346.9
30787.8	52.5°	27910.2	25032.4	22339.8	19647.2	19770.8	19894.1	21114.2	22334.5	19333.1	16331.7
34923.9	55°	31493.2	28062.5	25065.9	22069.0	22550.0	23031.0	24236.6	25442.3	21063.5	16685.0
38849.8	57.5°	34964.2	31078.3	28052.3	25026.4	25990.9	26955.6	27612.4	28268.9	22289.9	16310.9
43669.0	60°	39508.6	35348.2	32484.5	29620.9	30818.9	32017.0	30997.0	29977.3	22596.4	15215.2
47575.4	62.5°	43617.3	39659.0	37035.5	34412.3	34547.5	34682.5	31896.2	29109.8	21305.9	13502.0
47982.4	65°	44144.4	40306.2	36972.2	33638.5	33121.3	32603.8	29988.7	27373.5	19480.0	11586.4
45162.9	67.5°	41308.2	37453.4	33980.2	30506.7	30264.3	30021.6	27534.4	25047.1	17307.1	9567.0
40726.6	70°	37409.6	34092.4	30986.4	27880.1	27771.5	27663.0	24957.5	22252.2	14936.1	7620.0
35115.6	72.5°	32631.4	30147.0	27716.7	25286.5	25208.7	25130.7	22026.0	18921.5	12365.8	5810.3
28990.8	75°	27241.8	25492.9	23602.2	21711.4	21422.9	21134.4	17921.3	14708.1	9419.3	4130.5
22689.1	77.5°	21448.5	20208.2	18770.8	17333.4	16920.6	16507.7	13508.1	10508.7	6592.7	2676.7
16424.1	80°	15772.9	15121.5	14036.4	12950.9	12437.7	11924.6	9401.4	6877.9	4247.6	1617.2
10632.8	82.5°	10361.3	10089.5	9342.3	8595.2	8021.7	7448.5	5723.2	3998.1	2458.4	918.9
6101.6	85°	5947.3	5793.1	5179.4	4565.4	4077.9	3590.3	2674.7	1759.0	1105.8	452.9
2344.1	87.5°	2331.2	2318.0	2011.1	1704.1	1432.1	1160.0	852.3	544.6	362.2	179.8
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):

105°		110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
6600.6	0°	6600.6	6600.6	6600.6	6600.6	6600.6	6600.6	6600.6	6600.6	6600.6	6600.6
6931.3	2.5°	6873.6	6815.3	6757.1	6701.4	6645.6	6591.7	6531.7	6483.0	6434.7	6390.8
7272.0	5°	7152.2	7031.4	6910.8	6798.1	6685.4	6579.0	6473.9	6382.2	6290.3	6213.3
7589.4	7.5°	7406.0	7227.4	7048.9	6891.6	6734.3	6589.2	6453.1	6331.1	6209.2	6107.9
7836.8	10°	7594.7	7377.9	7160.8	6974.9	6788.5	6609.4	6463.3	6334.6	6205.9	6104.6
8007.3	12.5°	7732.7	7476.9	7221.1	7010.6	6800.1	6611.9	6475.9	6370.6	6265.7	6198.3
8113.7	15°	7815.8	7521.2	7226.7	6983.0	6739.3	6530.9	6422.0	6371.6	6321.4	6330.6
8164.6	17.5°	7839.6	7497.7	7155.7	6862.7	6569.7	6324.5	6257.4	6275.8	6294.1	6404.5
8204.3	20°	7847.2	7432.8	7018.5	6655.3	6292.1	6006.6	5988.9	6075.0	6161.1	6352.8
8258.0	22.5°	7857.3	7353.3	6849.3	6411.9	5974.4	5649.5	5684.2	5811.6	5939.0	6157.8
8355.3	25°	7897.4	7274.8	6652.5	6140.1	5627.9	5294.9	5388.6	5535.5	5682.4	5879.2
8507.3	27.5°	7980.9	7222.4	6463.8	5891.6	5319.4	5016.3	5130.2	5272.1	5413.9	5575.8
8704.1	30°	8095.4	7197.8	6299.7	5683.9	5068.2	4813.6	4903.0	5015.5	5128.5	5262.7
8909.5	32.5°	8194.2	7167.4	6140.1	5504.8	4869.4	4664.2	4704.0	4770.6	4837.2	4944.3
9143.5	35°	8266.6	7110.2	5954.2	5328.8	4703.5	4532.5	4516.0	4534.3	4552.8	4634.6
9405.7	37.5°	8309.7	7012.1	5714.6	5121.6	4528.7	4379.3	4319.0	4298.7	4278.5	4337.2
9738.5	40°	8336.8	6877.1	5417.7	4874.4	4331.1	4195.6	4103.2	4057.3	4011.5	4053.8
10173.9	42.5°	8388.2	6737.8	5087.9	4601.6	4115.3	3990.5	3874.0	3813.2	3752.4	3786.8
10746.8	45°	8478.6	6608.4	4738.4	4311.9	3885.4	3758.7	3646.0	3586.7	3527.7	3556.6
11357.2	47.5°	8540.7	6501.5	4462.3	4082.7	3703.0	3539.6	3442.6	3393.0	3343.3	3370.7
11923.5	50°	8500.2	6385.0	4269.8	3930.4	3591.0	3376.3	3263.5	3219.5	3175.7	3218.2
12291.3	52.5°	8250.7	6188.2	4126.0	3830.1	3534.6	3287.6	3130.1	3086.5	3043.2	3107.3
12210.3	55°	7735.3	5862.0	3988.7	3757.5	3526.2	3296.5	3059.2	2990.3	2921.6	3012.5
11639.9	57.5°	6969.1	5402.0	3834.7	3671.3	3508.0	3305.3	3016.6	2916.3	2816.0	2913.8
10578.4	60°	5941.5	4804.8	3668.0	3539.6	3411.2	3277.5	2976.6	2846.6	2716.5	2802.3
9143.0	62.5°	4784.0	4090.0	3396.0	3310.7	3225.6	3209.1	2930.0	2767.4	2605.0	2659.5
7678.5	65°	3770.9	3446.9	3123.0	3082.7	3042.4	3044.5	2831.7	2659.0	2486.0	2507.0
6243.9	67.5°	2920.9	2828.9	2736.7	2759.3	2781.6	2776.0	2656.4	2512.6	2368.7	2362.1
4916.2	70°	2212.4	2238.8	2264.9	2369.2	2473.3	2473.3	2434.0	2331.7	2229.4	2206.6
3758.5	72.5°	1706.6	1785.9	1865.4	2013.3	2161.0	2185.8	2186.3	2116.2	2046.0	2012.6
2727.9	75°	1325.2	1397.1	1469.0	1634.7	1800.3	1914.8	1905.2	1851.2	1797.0	1765.1
1848.5	77.5°	1020.2	1069.1	1118.2	1279.1	1439.9	1628.6	1623.5	1580.2	1536.9	1504.5
1190.9	80°	764.9	785.2	805.4	941.7	1077.7	1303.1	1302.4	1266.2	1229.7	1202.6
732.5	82.5°	546.6	550.1	554.2	654.5	754.8	947.3	957.9	940.2	922.5	903.2
391.6	85°	330.5	328.8	326.7	400.2	473.6	616.7	630.7	611.7	592.7	571.2
162.4	87.5°	144.9	143.1	141.3	171.2	201.4	260.9	278.6	271.0	263.4	259.4
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):

160°		165°	170°	175°	180°	185°	190°	195°	200°	205°	210°
6600.6	0°	6600.6	6600.6	6600.6	6600.6	6600.6	6600.6	6600.6	6600.6	6600.6	6600.6
6347.3	2.5°	6309.0	6270.8	6232.3	6194.0	6164.4	6134.5	6110.4	6086.4	6067.6	6048.9
6136.5	5°	6068.7	6000.8	5939.2	5877.4	5830.1	5782.4	5749.3	5716.1	5692.5	5669.0
6006.6	7.5°	5921.2	5835.6	5760.2	5684.9	5628.5	5572.2	5532.7	5493.2	5466.1	5439.2
6003.3	10°	5911.4	5819.2	5734.3	5649.5	5582.1	5514.5	5470.4	5425.8	5400.2	5374.7
6131.5	12.5°	6059.0	5987.1	5899.2	5811.6	5725.5	5639.3	5582.4	5525.4	5496.7	5468.4
6339.7	15°	6320.9	6302.2	6225.9	6149.7	6027.1	5904.5	5817.9	5731.3	5691.5	5652.0
6514.9	17.5°	6573.7	6632.2	6570.7	6509.4	6347.0	6184.7	6057.0	5929.4	5870.6	5811.6
6544.8	20°	6667.7	6790.5	6762.1	6733.5	6547.9	6362.5	6205.9	6049.7	5974.4	5899.0
6377.2	22.5°	6537.0	6696.8	6714.0	6731.0	6553.7	6376.4	6215.3	6054.0	5974.7	5895.2
6076.3	25°	6233.5	6390.8	6449.6	6508.1	6362.7	6217.6	6074.2	5931.4	5862.5	5793.8
5737.4	27.5°	5863.5	5989.6	6055.0	6120.6	6017.0	5913.6	5802.5	5691.3	5645.2	5598.8
5397.0	30°	5501.6	5606.4	5659.6	5712.8	5634.0	5555.0	5475.5	5395.4	5371.9	5348.1
5051.7	32.5°	5152.0	5252.6	5311.6	5370.9	5298.4	5225.7	5162.2	5098.6	5083.1	5067.7
4716.1	35°	4815.4	4915.0	4985.9	5056.8	5005.1	4953.7	4894.9	4836.4	4812.9	4789.6
4395.7	37.5°	4494.8	4594.0	4681.7	4769.3	4745.5	4721.7	4667.7	4613.5	4570.7	4528.2
4096.1	40°	4191.8	4287.6	4388.4	4489.4	4495.3	4500.8	4455.0	4409.1	4346.8	4285.0
3821.5	42.5°	3912.2	4003.1	4112.0	4221.0	4250.1	4279.2	4240.5	4202.0	4124.7	4047.5
3586.0	45°	3672.1	3758.2	3871.2	3984.1	4025.9	4067.7	4032.8	3998.1	3909.7	3821.5
3397.8	47.5°	3482.1	3566.2	3677.7	3789.1	3837.2	3885.4	3861.0	3836.7	3758.2	3679.7
3261.0	50°	3340.5	3419.8	3519.6	3619.4	3681.2	3743.0	3741.5	3740.5	3677.7	3614.9
3171.1	52.5°	3244.0	3316.7	3409.7	3502.9	3576.1	3649.3	3662.5	3675.6	3624.5	3573.3
3103.2	55°	3181.7	3260.3	3341.8	3423.1	3500.6	3578.4	3596.6	3614.9	3570.3	3525.7
3011.5	57.5°	3103.7	3195.9	3276.5	3357.3	3435.5	3513.5	3532.0	3550.5	3505.4	3460.4
2887.9	60°	2993.8	3099.7	3181.5	3263.5	3342.1	3420.6	3440.8	3461.1	3417.0	3373.2
2713.9	62.5°	2837.3	2960.9	3048.3	3135.6	3207.6	3279.5	3299.0	3318.5	3278.7	3239.0
2527.8	65°	2660.0	2792.4	2876.0	2959.6	3022.9	3086.3	3106.3	3126.0	3087.8	3049.5
2355.5	67.5°	2477.6	2599.9	2679.2	2758.3	2813.0	2867.7	2887.2	2906.4	2871.2	2836.3
2183.8	70°	2291.2	2398.6	2467.0	2535.4	2584.8	2634.1	2652.9	2671.6	2643.0	2614.4
1979.4	72.5°	2064.0	2148.3	2210.1	2271.9	2320.3	2368.7	2391.0	2413.3	2389.5	2365.7
1733.0	75°	1795.8	1858.6	1914.6	1970.5	2014.6	2058.7	2082.0	2105.3	2093.6	2082.0
1472.1	77.5°	1523.2	1574.2	1622.3	1670.4	1716.8	1762.8	1784.6	1806.4	1790.2	1773.5
1175.2	80°	1217.8	1260.1	1300.6	1341.1	1376.3	1411.3	1440.2	1469.0	1461.9	1455.1
884.0	82.5°	880.4	876.9	862.7	848.5	823.5	798.4	1047.6	1096.7	1093.7	1090.4
549.6	85°	531.4	512.9	473.6	434.4	504.5	575.0	635.7	696.5	691.5	686.4
255.3	87.5°	254.5	253.8	223.9	193.8	223.1	252.8	277.3	301.9	295.8	289.2
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°
6600.6	0°	6600.6	6600.6	6600.6	6600.6	6600.6	6600.6	6600.6	6600.6	6600.6	6600.6
6031.7	2.5°	6014.2	5992.7	6014.2	6031.7	6048.9	6067.6	6086.4	6110.4	6134.5	6164.4
5651.0	5°	5633.0	5615.3	5633.0	5651.0	5669.0	5692.5	5716.1	5749.3	5782.4	5830.1
5423.0	7.5°	5407.1	5394.9	5407.1	5423.0	5439.2	5466.1	5493.2	5532.7	5572.2	5628.5
5361.0	10°	5347.3	5341.7	5347.3	5361.0	5374.7	5400.2	5425.8	5470.4	5514.5	5582.1
5456.7	12.5°	5445.1	5443.0	5445.1	5456.7	5468.4	5496.7	5525.4	5582.4	5639.3	5725.5
5636.8	15°	5621.6	5620.3	5621.6	5636.8	5652.0	5691.5	5731.3	5817.9	5904.5	6027.1
5792.3	17.5°	5772.8	5769.8	5772.8	5792.3	5811.6	5870.6	5929.4	6057.0	6184.7	6347.0
5874.9	20°	5850.8	5843.2	5850.8	5874.9	5899.0	5974.4	6049.7	6205.9	6362.5	6547.9
5868.6	22.5°	5842.0	5830.6	5842.0	5868.6	5895.2	5974.7	6054.0	6215.3	6376.4	6553.7
5768.8	25°	5743.9	5729.3	5743.9	5768.8	5793.8	5862.5	5931.4	6074.2	6217.6	6362.7
5587.4	27.5°	5576.0	5572.2	5576.0	5587.4	5598.8	5645.2	5691.3	5802.5	5913.6	6017.0
5348.1	30°	5348.1	5351.9	5348.1	5348.1	5348.1	5371.9	5395.4	5475.5	5555.0	5634.0
5069.7	32.5°	5072.0	5075.8	5072.0	5069.7	5067.7	5083.1	5098.6	5162.2	5225.7	5298.4
4784.5	35°	4779.4	4776.9	4779.4	4784.5	4789.6	4812.9	4836.4	4894.9	4953.7	5005.1
4505.6	37.5°	4483.1	4470.4	4483.1	4505.6	4528.2	4570.7	4613.5	4667.7	4721.7	4745.5
4243.0	40°	4201.5	4176.6	4201.5	4243.0	4285.0	4346.8	4409.1	4455.0	4500.8	4495.3
3986.4	42.5°	3925.4	3885.4	3925.4	3986.4	4047.5	4124.7	4202.0	4240.5	4279.2	4250.1
3749.9	45°	3678.2	3632.1	3678.2	3749.9	3821.5	3909.7	3998.1	4032.8	4067.7	4025.9
3613.3	47.5°	3547.2	3502.9	3547.2	3613.3	3679.7	3758.2	3836.7	3861.0	3885.4	3837.2
3553.6	50°	3492.3	3449.7	3492.3	3553.6	3614.9	3677.7	3740.5	3741.5	3743.0	3681.2
3518.4	52.5°	3463.6	3424.4	3463.6	3518.4	3573.3	3624.5	3675.6	3662.5	3649.3	3576.1
3477.6	55°	3429.4	3394.0	3429.4	3477.6	3525.7	3570.3	3614.9	3596.6	3578.4	3500.6
3412.7	57.5°	3364.9	3328.1	3364.9	3412.7	3460.4	3505.4	3550.5	3532.0	3513.5	3435.5
3324.1	60°	3274.9	3237.0	3274.9	3324.1	3373.2	3417.0	3461.1	3440.8	3420.6	3342.1
3187.3	62.5°	3135.6	3090.1	3135.6	3187.3	3239.0	3278.7	3318.5	3299.0	3279.5	3207.6
2999.4	65°	2949.5	2910.2	2949.5	2999.4	3049.5	3087.8	3126.0	3106.3	3086.3	3022.9
2789.7	67.5°	2743.1	2707.6	2743.1	2789.7	2836.3	2871.2	2906.4	2887.2	2867.7	2813.0
2569.8	70°	2525.2	2484.7	2525.2	2569.8	2614.4	2643.0	2671.6	2652.9	2634.1	2584.8
2323.1	72.5°	2280.8	2241.6	2280.8	2323.1	2365.7	2389.5	2413.3	2391.0	2368.7	2320.3
2046.3	75°	2010.6	1973.1	2010.6	2046.3	2082.0	2093.6	2105.3	2082.0	2058.7	2014.6
1737.5	77.5°	1701.6	1671.7	1701.6	1737.5	1773.5	1790.2	1806.4	1784.6	1762.8	1716.8
1406.7	80°	1358.1	1301.9	1358.1	1406.7	1455.1	1461.9	1469.0	1440.2	1411.3	1376.3
1049.6	82.5°	1008.6	972.6	1008.6	1049.6	1090.4	1093.7	1096.7	1047.6	998.4	923.5
654.5	85°	622.6	590.1	622.6	654.5	686.4	691.5	696.5	635.7	575.0	504.5
273.0	87.5°	256.3	240.6	256.3	273.0	289.2	295.8	301.9	277.3	252.8	223.1
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°
6600.6	0°	6600.6	6600.6	6600.6	6600.6	6600.6	6600.6	6600.6	6600.6	6600.6	6600.6
6194.0	2.5°	6232.3	6270.8	6309.0	6347.3	6390.8	6434.7	6483.0	6531.7	6591.7	6645.6
5877.4	5°	5939.2	6000.8	6068.7	6136.5	6213.3	6290.3	6382.2	6473.9	6579.0	6685.4
5684.9	7.5°	5760.2	5835.6	5921.2	6006.6	6107.9	6209.2	6331.1	6453.1	6589.2	6734.3
5649.5	10°	5734.3	5819.2	5911.4	6003.3	6104.6	6205.9	6334.6	6463.3	6609.4	6788.5
5811.6	12.5°	5899.2	5987.1	6059.0	6131.5	6198.3	6265.7	6370.6	6475.9	6611.9	6800.1
6149.7	15°	6225.9	6302.2	6320.9	6339.7	6330.6	6321.4	6371.6	6422.0	6530.9	6739.3
6509.4	17.5°	6570.7	6632.2	6573.7	6514.9	6404.5	6294.1	6275.8	6257.4	6324.5	6569.7
6733.5	20°	6762.1	6790.5	6667.7	6544.8	6352.8	6161.1	6075.0	5988.9	6006.6	6292.1
6731.0	22.5°	6714.0	6696.8	6537.0	6377.2	6157.8	5939.0	5811.6	5684.2	5649.5	5974.4
6508.1	25°	6449.6	6390.8	6233.5	6076.3	5879.2	5682.4	5535.5	5388.6	5294.9	5627.9
6120.6	27.5°	6055.0	5989.6	5863.5	5737.4	5575.8	5413.9	5272.1	5130.2	5016.3	5319.4
5712.8	30°	5659.6	5606.4	5501.6	5397.0	5262.7	5128.5	5015.5	4903.0	4813.6	5068.2
5370.9	32.5°	5311.6	5252.6	5152.0	5051.7	4944.3	4837.2	4770.6	4704.0	4664.2	4869.4
5056.8	35°	4985.9	4915.0	4815.4	4716.1	4634.6	4552.8	4534.3	4516.0	4532.5	4703.5
4769.3	37.5°	4681.7	4594.0	4494.8	4395.7	4337.2	4278.5	4298.7	4319.0	4379.3	4528.7
4489.4	40°	4388.4	4287.6	4191.8	4096.1	4053.8	4011.5	4057.3	4103.2	4195.6	4331.1
4221.0	42.5°	4112.0	4003.1	3912.2	3821.5	3786.8	3752.4	3813.2	3874.0	3990.5	4115.3
3984.1	45°	3871.2	3758.2	3672.1	3586.0	3556.6	3527.7	3586.7	3646.0	3758.7	3885.4
3789.1	47.5°	3677.7	3566.2	3482.1	3397.8	3370.7	3343.3	3393.0	3442.6	3539.6	3703.0
3619.4	50°	3519.6	3419.8	3340.5	3261.0	3218.2	3175.7	3219.5	3263.5	3376.3	3591.0
3502.9	52.5°	3409.7	3316.7	3244.0	3171.1	3107.3	3043.2	3086.5	3130.1	3287.6	3534.6
3423.1	55°	3341.8	3260.3	3181.7	3103.2	3012.5	2921.6	2990.3	3059.2	3296.5	3526.2
3357.3	57.5°	3276.5	3195.9	3103.7	3011.5	2913.8	2816.0	2916.3	3016.6	3305.3	3508.0
3263.5	60°	3181.5	3099.7	2993.8	2887.9	2802.3	2716.5	2846.6	2976.6	3277.5	3411.2
3135.6	62.5°	3048.3	2960.9	2837.3	2713.9	2659.5	2605.0	2767.4	2930.0	3209.1	3225.6
2959.6	65°	2876.0	2792.4	2660.0	2527.8	2507.0	2486.0	2659.0	2831.7	3044.5	3042.4
2758.3	67.5°	2679.2	2599.9	2477.6	2355.5	2362.1	2368.7	2512.6	2656.4	2776.0	2781.6
2535.4	70°	2467.0	2398.6	2291.2	2183.8	2206.6	2229.4	2331.7	2434.0	2473.3	2473.3
2271.9	72.5°	2210.1	2148.3	2064.0	1979.4	2012.6	2046.0	2116.2	2186.3	2185.8	2161.0
1970.5	75°	1914.6	1858.6	1795.8	1733.0	1765.1	1797.0	1851.2	1905.2	1914.8	1800.3
1670.4	77.5°	1622.3	1574.2	1523.2	1472.1	1504.5	1536.9	1580.2	1623.5	1628.6	1439.9
1341.1	80°	1300.6	1260.1	1217.8	1175.2	1202.6	1229.7	1266.2	1302.4	1303.1	1077.7
848.5	82.5°	862.7	876.9	880.4	884.0	903.2	922.5	940.2	957.9	947.3	754.8
434.4	85°	473.6	512.9	531.4	549.6	571.2	592.7	611.7	630.7	616.7	473.6
193.8	87.5°	223.9	253.8	254.5	255.3	259.4	263.4	271.0	278.6	260.9	201.4
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):

325°		330°	335°	340°	345°	350°	355°	360°
6600.6	0°	6600.6	6600.6	6600.6	6600.6	6600.6	6600.6	6600.6
6701.4	2.5°	6757.1	6815.3	6873.6	6931.3	6989.3	7043.8	7098.3
6798.1	5°	6910.8	7031.4	7152.2	7272.0	7392.1	7512.4	7632.7
6891.6	7.5°	7048.9	7227.4	7406.0	7589.4	7772.7	7971.1	8169.6
6974.9	10°	7160.8	7377.9	7594.7	7836.8	8079.2	8330.2	8581.2
7010.6	12.5°	7221.1	7476.9	7732.7	8007.3	8281.8	8557.4	8833.2
6983.0	15°	7226.7	7521.2	7815.8	8113.7	8411.5	8699.0	8986.5
6862.7	17.5°	7155.7	7497.7	7839.6	8164.6	8489.5	8781.1	9072.6
6655.3	20°	7018.5	7432.8	7847.2	8204.3	8561.5	8864.6	9167.6
6411.9	22.5°	6849.3	7353.3	7857.3	8258.0	8658.5	8968.2	9277.8
6140.1	25°	6652.5	7274.8	7897.4	8355.3	8813.0	9116.2	9419.6
5891.6	27.5°	6463.8	7222.4	7980.9	8507.3	9033.3	9322.8	9612.1
5683.9	30°	6299.7	7197.8	8095.4	8704.1	9312.7	9592.1	9871.7
5504.8	32.5°	6140.1	7167.4	8194.2	8909.5	9624.7	9901.3	10178.2
5328.8	35°	5954.2	7110.2	8266.6	9143.5	10020.4	10285.6	10550.5
5121.6	37.5°	5714.6	7012.1	8309.7	9405.7	10501.6	10839.5	11177.4
4874.4	40°	5417.7	6877.1	8336.8	9738.5	11139.9	11632.3	12124.6
4601.6	42.5°	5087.9	6737.8	8388.2	10173.9	11959.5	12670.2	13380.9
4311.9	45°	4738.4	6608.4	8478.6	10746.8	13014.9	13973.6	14932.3
4082.7	47.5°	4462.3	6501.5	8540.7	11357.2	14173.7	15523.2	16872.4
3930.4	50°	4269.8	6385.0	8500.2	11923.5	15346.9	17381.3	19415.4
3830.1	52.5°	4126.0	6188.2	8250.7	12291.3	16331.7	19333.1	22334.5
3757.5	55°	3988.7	5862.0	7735.3	12210.3	16685.0	21063.5	25442.3
3671.3	57.5°	3834.7	5402.0	6969.1	11639.9	16310.9	22289.9	28268.9
3539.6	60°	3668.0	4804.8	5941.5	10578.4	15215.2	22596.4	29977.3
3310.7	62.5°	3396.0	4090.0	4784.0	9143.0	13502.0	21305.9	29109.8
3082.7	65°	3123.0	3446.9	3770.9	7678.5	11586.4	19480.0	27373.5
2759.3	67.5°	2736.7	2828.9	2920.9	6243.9	9567.0	17307.1	25047.1
2369.2	70°	2264.9	2238.8	2212.4	4916.2	7620.0	14936.1	22252.2
2013.3	72.5°	1865.4	1785.9	1706.6	3758.5	5810.3	12365.8	18921.5
1634.7	75°	1469.0	1397.1	1325.2	2727.9	4130.5	9419.3	14708.1
1279.1	77.5°	1118.2	1069.1	1020.2	1848.5	2676.7	6592.7	10508.7
941.7	80°	805.4	785.2	764.9	1190.9	1617.2	4247.6	6877.9
654.5	82.5°	554.2	550.1	546.6	732.5	918.9	2458.4	3998.1
400.2	85°	326.7	328.8	330.5	391.6	452.9	1105.8	1759.0
171.2	87.5°	141.3	143.1	144.9	162.4	179.8	362.2	544.6
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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