

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: P956707

Luminaire Tested: **GALN-SB9B-740-U-SLR**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P956707
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-SB9B-740-U-SLR
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(9) 70 CRI, 4000K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 54069 lumens
Efficiency: N/A
Efficacy: 164.1 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

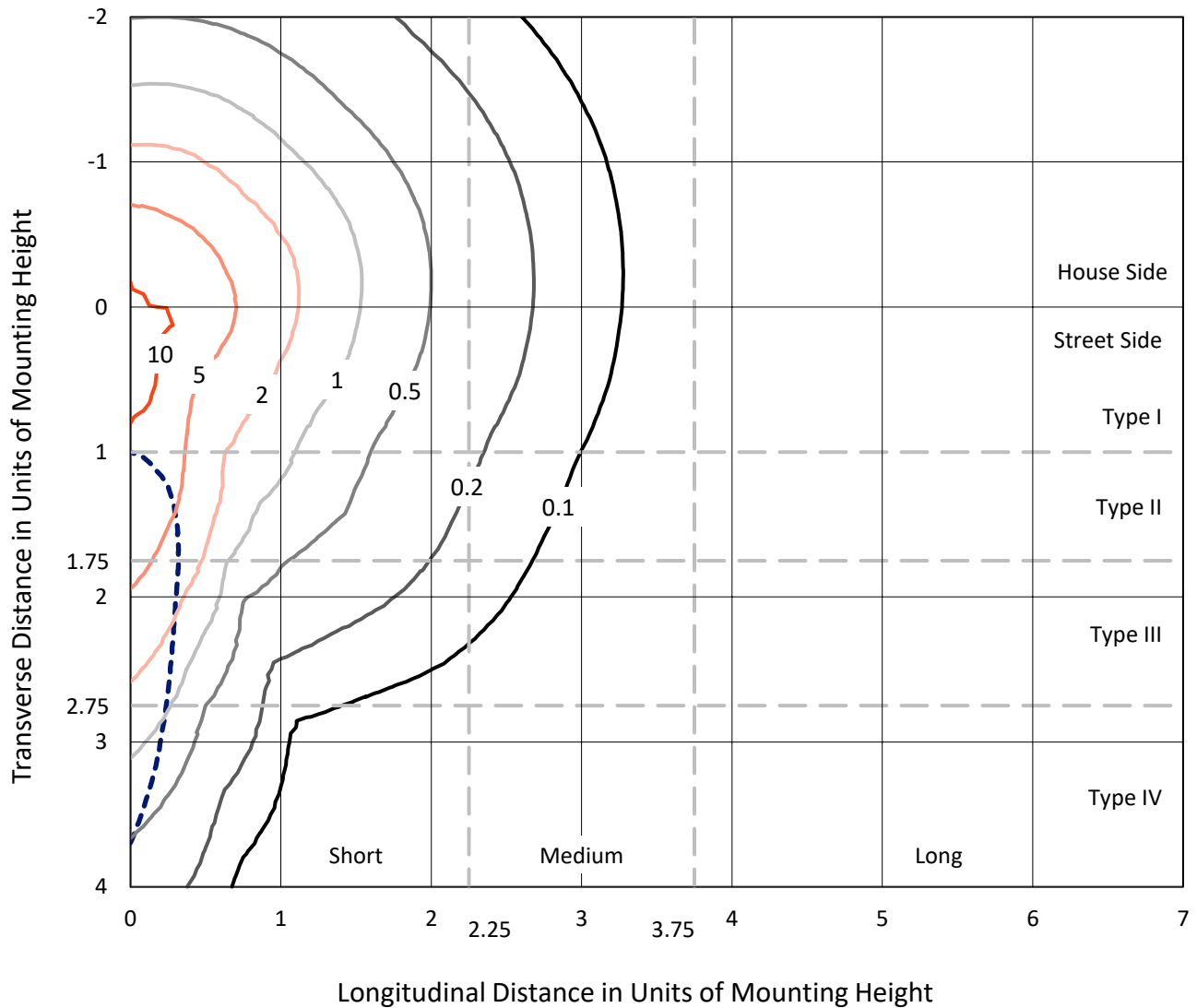
Input Watts (W): 329.5
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

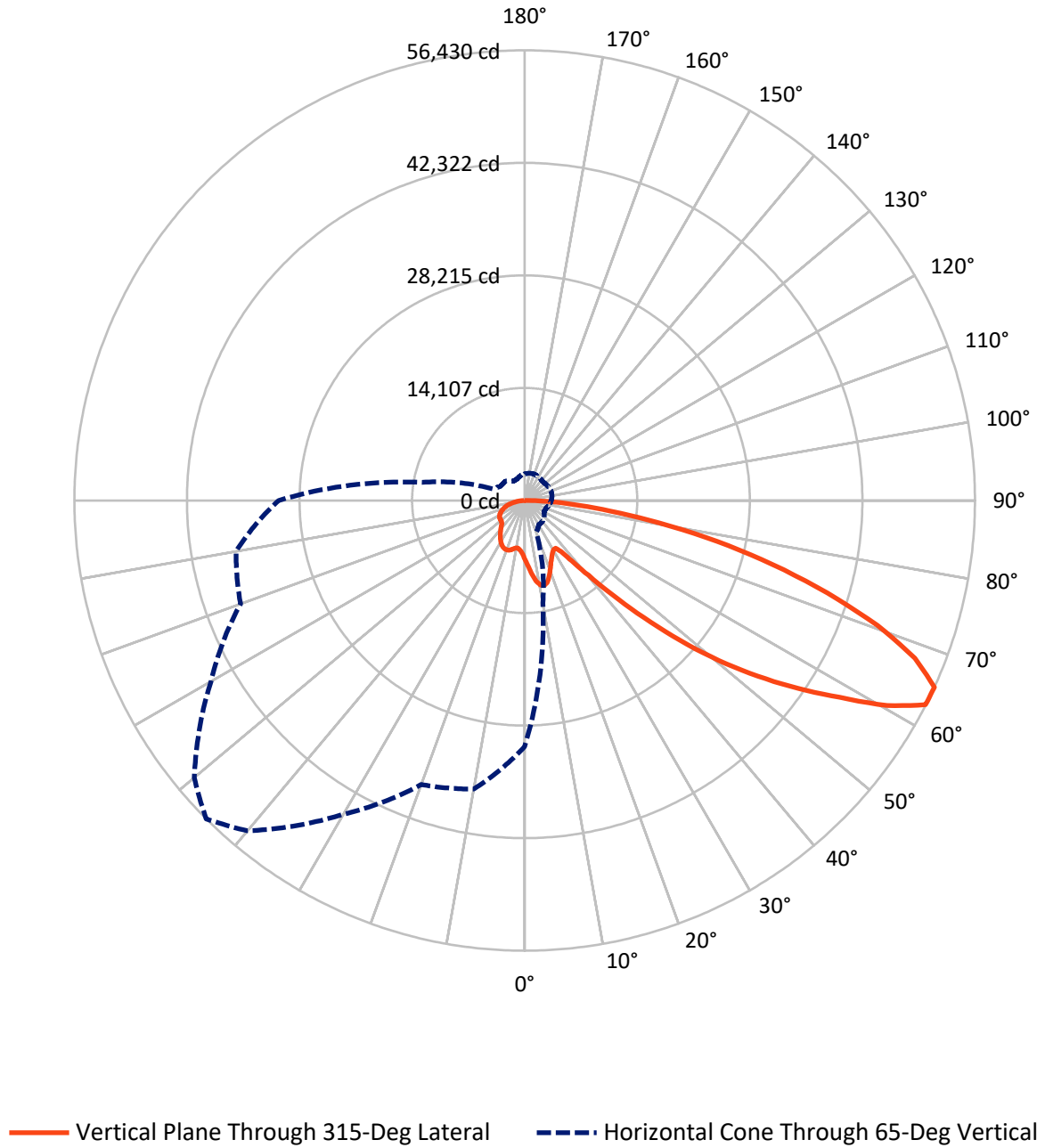
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 14.7 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	13741.6	0.0	13741.6
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	40327.4	0.0	40327.4
	% Fixture	74.6	0.0	74.6
Total	Lumens	54069.0	0.0	54069.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	737.5	1.4
10°-20°	2315.3	4.3
20°-30°	3576.3	6.6
30°-40°	4532.1	8.4
40°-50°	6835.6	12.6
50°-60°	11043.9	20.4
60°-70°	13767.9	25.5
70°-80°	9028.3	16.7
80°-90°	2232.0	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°	54069.0	100.0
0°-180°	54069.0	100.0



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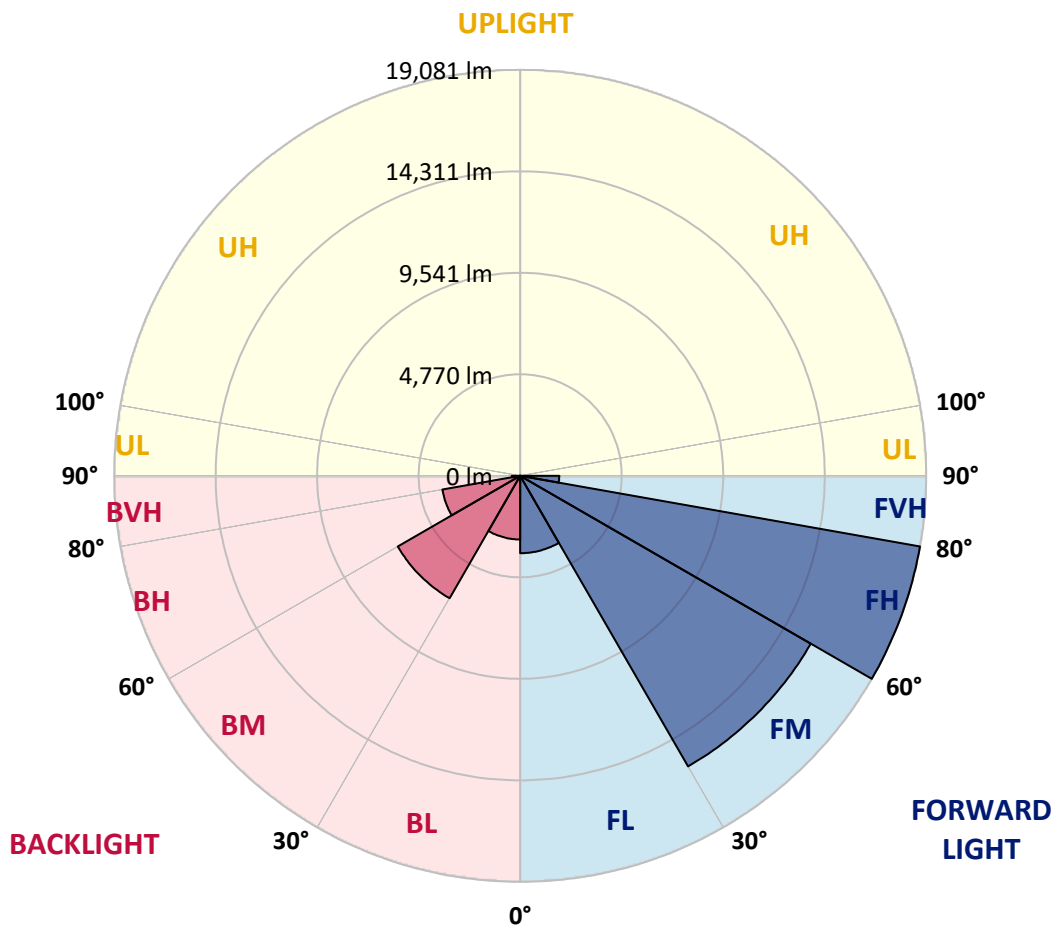
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	3636.8	6.7			
FM (30°-60°)	15770.8	29.2			
FH (60°-80°)	19081.2	35.3			G5
FVH (80°-90°)	1838.7	3.4			G5
BL (0°-30°)	2992.4	5.5	B4/5000		
BM (30°-60°)	6640.8	12.3	B4/8500		
BH (60°-80°)	3715.1	6.9	B4/5000		G4/5000
BVH (80°-90°)	393.3	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°	7435.0	7435.0	7435.0	7435.0	7435.0	7435.0	7435.0	7435.0	7435.0	7435.0
2.5°	7995.6	7934.2	7872.9	7807.6	7742.5	7676.9	7611.3	7548.5	7485.7	7425.0
5°	8597.6	8462.0	8326.5	8191.3	8056.3	7920.3	7784.4	7657.5	7530.5	7410.7
7.5°	9202.4	8978.7	8755.3	8548.8	8342.2	8141.1	7939.9	7762.8	7585.6	7422.1
10°	9666.0	9383.3	9100.5	8827.5	8554.8	8310.5	8066.0	7856.6	7646.6	7444.9
12.5°	9949.9	9639.2	9328.8	9019.5	8710.3	8422.1	8133.9	7896.9	7659.8	7447.8
15°	10122.5	9798.7	9474.9	9139.3	8803.8	8472.0	8140.2	7865.8	7591.3	7356.5
17.5°	10219.5	9891.1	9562.7	9196.7	8830.6	8445.5	8060.3	7730.2	7400.1	7124.0
20°	10326.5	9985.3	9643.8	9241.5	8839.2	8372.5	7905.7	7496.6	7087.5	6765.9
22.5°	10450.6	10102.0	9753.0	9302.0	8850.6	8282.9	7715.1	7222.4	6729.7	6363.6
25°	10610.4	10268.6	9927.1	9411.5	8895.7	8194.4	7493.4	6916.3	6339.4	5964.2
27.5°	10827.2	10501.4	10175.3	9582.7	8989.8	8135.4	7280.9	6636.4	5991.9	5650.4
30°	11119.6	10804.6	10490.0	9804.4	9118.8	8107.7	7096.0	6402.4	5708.9	5422.2
32.5°	11464.8	11153.0	10841.5	10035.8	9230.1	8073.5	6916.3	6200.7	5484.9	5253.8
35°	11884.2	11585.8	11287.1	10299.4	9311.7	8009.0	6706.9	6002.5	5298.0	5105.5
37.5°	12590.3	12209.8	11829.2	10594.7	9360.2	7898.6	6437.0	5769.1	5101.2	4932.9
40°	13657.4	13102.7	12548.1	10969.6	9390.7	7746.5	6102.6	5490.6	4878.7	4726.0
42.5°	15072.5	14271.9	13471.4	11460.0	9448.6	7589.6	5731.1	5183.4	4635.6	4494.9
45°	16819.9	15740.1	14660.2	12105.3	9550.5	7443.8	5337.4	4857.0	4376.5	4233.9
47.5°	19005.3	17485.5	15965.5	12792.9	9620.4	7323.4	5026.4	4598.8	4171.1	3987.1
50°	21869.8	19578.5	17287.0	13430.8	9574.7	7192.2	4809.6	4427.3	4045.0	3803.1
52.5°	25157.9	21777.1	18396.2	13845.1	9293.7	6970.5	4647.6	4314.3	3981.4	3703.2
55°	28658.5	23726.2	18794.2	13753.8	8713.1	6603.0	4492.9	4232.4	3972.0	3713.2
57.5°	31842.5	25107.7	18372.8	13111.3	7850.1	6084.9	4319.5	4135.4	3951.4	3723.2
60°	33766.8	25452.9	17138.6	11915.6	6692.6	5412.2	4131.7	3987.1	3842.4	3691.8
62.5°	32789.7	23999.3	15208.8	10298.8	5388.8	4607.0	3825.3	3729.2	3633.3	3614.8
65°	30833.9	21942.5	13051.1	8649.2	4247.6	3882.7	3517.8	3472.4	3427.0	3429.3
67.5°	28213.5	19494.9	10776.4	7033.2	3290.1	3186.5	3082.7	3108.1	3133.2	3126.9
70°	25065.2	16824.2	8583.3	5537.7	2492.1	2521.8	2551.2	2668.7	2786.0	2786.0
72.5°	21313.4	13929.0	6544.8	4233.6	1922.4	2011.7	2101.2	2267.9	2434.2	2462.2
75°	16567.4	10610.1	4652.7	3072.7	1492.7	1573.7	1654.7	1841.3	2027.9	2156.9
77.5°	11837.2	7426.1	3015.1	2082.1	1149.2	1204.3	1259.6	1440.8	1621.9	1834.5
80°	7747.4	4784.5	1821.6	1341.5	861.6	884.4	907.3	1060.8	1214.0	1467.9
82.5°	4503.5	2769.1	1035.1	825.1	615.7	619.7	624.2	737.2	850.2	1067.0
85°	1981.4	1245.6	510.1	441.1	372.3	370.3	368.0	450.8	533.5	694.7
87.5°	613.4	408.0	202.6	182.9	163.2	161.2	159.2	192.9	226.8	293.9
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°
7435.0	0°	7435.0	7435.0	7435.0	7435.0	7435.0	7435.0	7435.0	7435.0	7435.0	7435.0
7357.4	2.5°	7302.6	7248.1	7198.7	7149.7	7106.6	7063.5	7020.1	6977.0	6943.7	6910.0
7292.3	5°	7189.0	7085.5	6998.7	6912.3	6835.8	6759.4	6690.0	6620.4	6567.1	6513.4
7268.9	7.5°	7131.4	6994.2	6880.0	6765.9	6669.8	6573.3	6488.3	6403.6	6340.0	6276.6
7280.3	10°	7135.4	6990.5	6876.3	6762.2	6658.6	6554.8	6459.2	6363.6	6287.8	6211.6
7294.6	12.5°	7175.9	7057.8	6981.9	6906.6	6825.0	6744.0	6645.0	6546.2	6449.2	6352.2
7233.8	15°	7177.0	7120.6	7130.8	7141.1	7120.0	7098.9	7013.0	6927.1	6789.0	6650.9
7048.4	17.5°	7069.2	7089.7	7214.1	7338.5	7404.7	7470.6	7401.3	7332.2	7149.4	6966.5
6746.0	20°	6843.0	6940.0	7155.9	7372.2	7510.6	7648.9	7617.0	7584.7	7375.6	7166.8
6402.7	22.5°	6546.2	6689.7	6936.2	7183.3	7363.3	7543.4	7562.8	7581.9	7382.2	7182.5
6069.8	25°	6235.3	6400.7	6622.4	6844.4	7021.6	7198.7	7264.9	7330.8	7167.1	7003.6
5778.8	27.5°	5938.5	6098.3	6280.6	6462.6	6604.7	6746.8	6820.4	6894.3	6777.6	6661.2
5522.9	30°	5649.5	5776.8	5928.0	6079.2	6197.0	6315.1	6375.1	6435.0	6346.2	6257.2
5298.6	32.5°	5373.7	5448.7	5569.4	5690.3	5803.3	5916.6	5983.1	6049.8	5968.2	5886.3
5086.9	35°	5107.5	5128.3	5220.4	5312.3	5424.1	5536.3	5616.2	5696.0	5637.8	5579.9
4865.0	37.5°	4842.1	4819.3	4885.5	4951.4	5063.0	5174.8	5273.5	5372.2	5345.4	5318.6
4621.9	40°	4570.2	4518.6	4566.2	4613.9	4721.7	4829.6	4943.1	5057.0	5063.5	5069.8
4363.7	42.5°	4295.2	4226.7	4265.5	4304.6	4406.8	4509.2	4631.9	4754.5	4787.4	4820.2
4106.9	45°	4040.2	3973.7	4006.2	4039.3	4136.3	4233.3	4360.5	4487.8	4534.9	4581.9
3877.8	47.5°	3821.9	3766.0	3796.8	3827.3	3922.3	4017.0	4142.6	4268.1	4322.3	4376.5
3676.1	50°	3626.5	3577.1	3625.0	3673.3	3762.8	3852.1	3964.5	4077.0	4146.6	4216.2
3525.8	52.5°	3476.7	3427.9	3500.1	3572.0	3654.1	3736.0	3840.7	3945.7	4028.2	4110.6
3445.9	55°	3368.3	3291.0	3393.4	3495.5	3584.0	3672.4	3764.3	3855.8	3943.1	4030.7
3397.9	57.5°	3285.0	3172.0	3282.1	3392.2	3496.1	3599.9	3690.7	3781.7	3869.8	3957.7
3352.9	60°	3206.5	3059.9	3156.6	3253.0	3372.3	3491.5	3583.7	3676.1	3764.6	3853.0
3300.4	62.5°	3117.2	2934.3	2995.7	3057.0	3195.9	3335.2	3433.6	3532.0	3613.1	3694.1
3189.7	65°	2995.1	2800.2	2823.9	2847.3	2996.2	3145.4	3239.6	3333.7	3405.1	3476.4
2992.2	67.5°	2830.2	2668.1	2660.7	2653.3	2790.8	2928.6	3017.9	3106.9	3168.6	3230.2
2741.7	70°	2626.5	2511.2	2485.5	2459.9	2580.8	2701.8	2778.8	2855.9	2911.5	2967.1
2462.7	72.5°	2383.7	2304.7	2267.0	2229.6	2324.9	2419.9	2489.5	2559.2	2613.6	2668.1
2146.0	75°	2085.3	2024.2	1988.3	1952.0	2022.8	2093.5	2156.6	2219.6	2269.3	2318.9
1828.8	77.5°	1780.0	1731.2	1694.7	1658.2	1715.8	1773.1	1827.4	1881.6	1933.8	1985.7
1467.0	80°	1426.2	1385.1	1354.6	1323.8	1371.7	1419.4	1465.0	1510.7	1550.3	1589.7
1079.0	82.5°	1059.0	1039.1	1017.4	995.7	991.7	987.7	971.7	955.8	1040.2	1124.7
710.4	85°	689.0	667.6	643.4	619.1	598.6	577.7	533.5	489.3	568.3	647.6
313.8	87.5°	305.3	296.7	292.1	287.6	286.7	285.9	252.2	218.3	251.4	284.7
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):

105°		110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
7435.0	0°	7435.0	7435.0	7435.0	7435.0	7435.0	7435.0	7435.0	7435.0	7435.0	7435.0
6882.9	2.5°	6855.8	6834.7	6813.6	6794.2	6774.5	6750.2	6774.5	6794.2	6813.6	6834.7
6476.1	5°	6438.7	6412.1	6385.6	6365.4	6345.1	6325.1	6345.1	6365.4	6385.6	6412.1
6232.1	7.5°	6187.6	6157.1	6126.8	6108.6	6090.6	6076.9	6090.6	6108.6	6126.8	6157.1
6161.9	10°	6111.7	6082.9	6054.1	6038.7	6023.3	6017.0	6023.3	6038.7	6054.1	6082.9
6288.0	12.5°	6223.8	6191.6	6159.7	6146.5	6133.4	6131.1	6133.4	6146.5	6159.7	6191.6
6553.4	15°	6455.8	6411.0	6366.5	6349.4	6332.3	6330.8	6332.3	6349.4	6366.5	6411.0
6822.7	17.5°	6678.9	6612.7	6546.2	6524.6	6502.6	6499.2	6502.6	6524.6	6546.2	6612.7
6990.5	20°	6814.4	6729.7	6644.7	6617.6	6590.5	6581.9	6590.5	6617.6	6644.7	6729.7
7001.0	22.5°	6819.3	6730.0	6640.4	6610.4	6580.5	6567.6	6580.5	6610.4	6640.4	6730.0
6842.1	25°	6681.2	6603.6	6526.3	6498.0	6470.1	6453.5	6470.1	6498.0	6526.3	6603.6
6536.0	27.5°	6410.7	6358.8	6306.6	6293.7	6280.9	6276.6	6280.9	6293.7	6306.6	6358.8
6167.6	30°	6077.5	6051.0	6024.1	6024.1	6024.1	6028.4	6024.1	6024.1	6024.1	6051.0
5814.7	32.5°	5743.1	5725.7	5708.3	5710.6	5713.2	5717.4	5713.2	5710.6	5708.3	5725.7
5513.7	35°	5447.8	5421.3	5395.0	5389.3	5383.6	5380.8	5383.6	5389.3	5395.0	5421.3
5257.8	37.5°	5196.8	5148.5	5100.6	5075.2	5049.8	5035.6	5049.8	5075.2	5100.6	5148.5
5018.2	40°	4966.5	4896.3	4826.7	4779.4	4732.6	4704.6	4732.6	4779.4	4826.7	4896.3
4776.5	42.5°	4733.1	4646.1	4559.1	4490.4	4421.6	4376.5	4421.6	4490.4	4559.1	4646.1
4542.6	45°	4503.5	4403.9	4304.6	4223.9	4143.1	4091.2	4143.1	4223.9	4304.6	4403.9
4349.1	47.5°	4321.7	4233.3	4144.9	4070.1	3995.6	3945.7	3995.6	4070.1	4144.9	4233.3
4214.5	50°	4213.3	4142.6	4071.8	4002.8	3933.7	3885.8	3933.7	4002.8	4071.8	4142.6
4125.5	52.5°	4140.3	4082.7	4025.0	3963.1	3901.5	3857.3	3901.5	3963.1	4025.0	4082.7
4051.3	55°	4071.8	4021.6	3971.4	3917.2	3863.0	3823.0	3863.0	3917.2	3971.4	4021.6
3978.5	57.5°	3999.4	3948.6	3897.8	3844.2	3790.2	3748.9	3790.2	3844.2	3897.8	3948.6
3875.8	60°	3898.6	3849.0	3799.6	3744.3	3688.9	3646.2	3688.9	3744.3	3799.6	3849.0
3716.1	62.5°	3738.0	3693.2	3648.4	3590.2	3532.0	3480.7	3532.0	3590.2	3648.4	3693.2
3498.9	65°	3521.2	3478.1	3435.0	3378.5	3322.3	3278.1	3322.3	3378.5	3435.0	3478.1
3252.2	67.5°	3273.8	3234.2	3194.8	3142.3	3089.8	3049.9	3089.8	3142.3	3194.8	3234.2
2988.2	70°	3009.4	2977.1	2944.9	2894.7	2844.5	2798.8	2844.5	2894.7	2944.9	2977.1
2693.2	72.5°	2718.4	2691.5	2664.7	2616.8	2569.1	2524.9	2569.1	2616.8	2664.7	2691.5
2345.2	75°	2371.4	2358.3	2345.2	2304.9	2264.7	2222.5	2264.7	2304.9	2345.2	2358.3
2010.2	77.5°	2034.8	2016.5	1997.7	1957.2	1916.7	1883.0	1916.7	1957.2	1997.7	2016.5
1622.2	80°	1654.7	1646.8	1639.1	1584.6	1529.8	1466.4	1529.8	1584.6	1639.1	1646.8
1180.0	82.5°	1235.4	1231.9	1228.2	1182.3	1136.1	1095.6	1136.1	1182.3	1228.2	1231.9
716.1	85°	784.6	778.9	773.2	737.2	701.3	664.8	701.3	737.2	773.2	778.9
312.4	87.5°	340.1	333.2	325.8	307.6	288.7	271.0	288.7	307.6	325.8	333.2
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

160°		165°	170°	175°	180°	185°	190°	195°	200°	205°	210°
7435.0	0°	7435.0	7435.0	7435.0	7435.0	7435.0	7435.0	7435.0	7435.0	7435.0	7435.0
6855.8	2.5°	6882.9	6910.0	6943.7	6977.0	7020.1	7063.5	7106.6	7149.7	7198.7	7248.1
6438.7	5°	6476.1	6513.4	6567.1	6620.4	6690.0	6759.4	6835.8	6912.3	6998.7	7085.5
6187.6	7.5°	6232.1	6276.6	6340.0	6403.6	6488.3	6573.3	6669.8	6765.9	6880.0	6994.2
6111.7	10°	6161.9	6211.6	6287.8	6363.6	6459.2	6554.8	6658.6	6762.2	6876.3	6990.5
6223.8	12.5°	6288.0	6352.2	6449.2	6546.2	6645.0	6744.0	6825.0	6906.6	6981.9	7057.8
6455.8	15°	6553.4	6650.9	6789.0	6927.1	7013.0	7098.9	7120.0	7141.1	7130.8	7120.6
6678.9	17.5°	6822.7	6966.5	7149.4	7332.2	7401.3	7470.6	7404.7	7338.5	7214.1	7089.7
6814.4	20°	6990.5	7166.8	7375.6	7584.7	7617.0	7648.9	7510.6	7372.2	7155.9	6940.0
6819.3	22.5°	7001.0	7182.5	7382.2	7581.9	7562.8	7543.4	7363.3	7183.3	6936.2	6689.7
6681.2	25°	6842.1	7003.6	7167.1	7330.8	7264.9	7198.7	7021.6	6844.4	6622.4	6400.7
6410.7	27.5°	6536.0	6661.2	6777.6	6894.3	6820.4	6746.8	6604.7	6462.6	6280.6	6098.3
6077.5	30°	6167.6	6257.2	6346.2	6435.0	6375.1	6315.1	6197.0	6079.2	5928.0	5776.8
5743.1	32.5°	5814.7	5886.3	5968.2	6049.8	5983.1	5916.6	5803.3	5690.3	5569.4	5448.7
5447.8	35°	5513.7	5579.9	5637.8	5696.0	5616.2	5536.3	5424.1	5312.3	5220.4	5128.3
5196.8	37.5°	5257.8	5318.6	5345.4	5372.2	5273.5	5174.8	5063.0	4951.4	4885.5	4819.3
4966.5	40°	5018.2	5069.8	5063.5	5057.0	4943.1	4829.6	4721.7	4613.9	4566.2	4518.6
4733.1	42.5°	4776.5	4820.2	4787.4	4754.5	4631.9	4509.2	4406.8	4304.6	4265.5	4226.7
4503.5	45°	4542.6	4581.9	4534.9	4487.8	4360.5	4233.3	4136.3	4039.3	4006.2	3973.7
4321.7	47.5°	4349.1	4376.5	4322.3	4268.1	4142.6	4017.0	3922.3	3827.3	3796.8	3766.0
4213.3	50°	4214.5	4216.2	4146.6	4077.0	3964.5	3852.1	3762.8	3673.3	3625.0	3577.1
4140.3	52.5°	4125.5	4110.6	4028.2	3945.7	3840.7	3736.0	3654.1	3572.0	3500.1	3427.9
4071.8	55°	4051.3	4030.7	3943.1	3855.8	3764.3	3672.4	3584.0	3495.5	3393.4	3291.0
3999.4	57.5°	3978.5	3957.7	3869.8	3781.7	3690.7	3599.9	3496.1	3392.2	3282.1	3172.0
3898.6	60°	3875.8	3853.0	3764.6	3676.1	3583.7	3491.5	3372.3	3253.0	3156.6	3059.9
3738.0	62.5°	3716.1	3694.1	3613.1	3532.0	3433.6	3335.2	3195.9	3057.0	2995.7	2934.3
3521.2	65°	3498.9	3476.4	3405.1	3333.7	3239.6	3145.4	2996.2	2847.3	2823.9	2800.2
3273.8	67.5°	3252.2	3230.2	3168.6	3106.9	3017.9	2928.6	2790.8	2653.3	2660.7	2668.1
3009.4	70°	2988.2	2967.1	2911.5	2855.9	2778.8	2701.8	2580.8	2459.9	2485.5	2511.2
2718.4	72.5°	2693.2	2668.1	2613.6	2559.2	2489.5	2419.9	2324.9	2229.6	2267.0	2304.7
2371.4	75°	2345.2	2318.9	2269.3	2219.6	2156.6	2093.5	2022.8	1952.0	1988.3	2024.2
2034.8	77.5°	2010.2	1985.7	1933.8	1881.6	1827.4	1773.1	1715.8	1658.2	1694.7	1731.2
1654.7	80°	1622.2	1589.7	1550.3	1510.7	1465.0	1419.4	1371.7	1323.8	1354.6	1385.1
1235.4	82.5°	1180.0	1124.7	1040.2	955.8	971.7	987.7	991.7	995.7	1017.4	1039.1
784.6	85°	716.1	647.6	568.3	489.3	533.5	577.7	598.6	619.1	643.4	667.6
340.1	87.5°	312.4	284.7	251.4	218.3	252.2	285.9	286.7	287.6	292.1	296.7
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):

215°		220°	225°	230°	235°	240°	245°	250°	255°	260°	265°
7435.0	0°	7435.0	7435.0	7435.0	7435.0	7435.0	7435.0	7435.0	7435.0	7435.0	7435.0
7302.6	2.5°	7357.4	7425.0	7485.7	7548.5	7611.3	7676.9	7742.5	7807.6	7872.9	7934.2
7189.0	5°	7292.3	7410.7	7530.5	7657.5	7784.4	7920.3	8056.3	8191.3	8326.5	8462.0
7131.4	7.5°	7268.9	7422.1	7585.6	7762.8	7939.9	8141.1	8342.2	8548.8	8755.3	8978.7
7135.4	10°	7280.3	7444.9	7646.6	7856.6	8066.0	8310.5	8554.8	8827.5	9100.5	9383.3
7175.9	12.5°	7294.6	7447.8	7659.8	7896.9	8133.9	8422.1	8710.3	9019.5	9328.8	9639.2
7177.0	15°	7233.8	7356.5	7591.3	7865.8	8140.2	8472.0	8803.8	9139.3	9474.9	9798.7
7069.2	17.5°	7048.4	7124.0	7400.1	7730.2	8060.3	8445.5	8830.6	9196.7	9562.7	9891.1
6843.0	20°	6746.0	6765.9	7087.5	7496.6	7905.7	8372.5	8839.2	9241.5	9643.8	9985.3
6546.2	22.5°	6402.7	6363.6	6729.7	7222.4	7715.1	8282.9	8850.6	9302.0	9753.0	10102.0
6235.3	25°	6069.8	5964.2	6339.4	6916.3	7493.4	8194.4	8895.7	9411.5	9927.1	10268.6
5938.5	27.5°	5778.8	5650.4	5991.9	6636.4	7280.9	8135.4	8989.8	9582.7	10175.3	10501.4
5649.5	30°	5522.9	5422.2	5708.9	6402.4	7096.0	8107.7	9118.8	9804.4	10490.0	10804.6
5373.7	32.5°	5298.6	5253.8	5484.9	6200.7	6916.3	8073.5	9230.1	10035.8	10841.5	11153.0
5107.5	35°	5086.9	5105.5	5298.0	6002.5	6706.9	8009.0	9311.7	10299.4	11287.1	11585.8
4842.1	37.5°	4865.0	4932.9	5101.2	5769.1	6437.0	7898.6	9360.2	10594.7	11829.2	12209.8
4570.2	40°	4621.9	4726.0	4878.7	5490.6	6102.6	7746.5	9390.7	10969.6	12548.1	13102.7
4295.2	42.5°	4363.7	4494.9	4635.6	5183.4	5731.1	7589.6	9448.6	11460.0	13471.4	14271.9
4040.2	45°	4106.9	4233.9	4376.5	4857.0	5337.4	7443.8	9550.5	12105.3	14660.2	15740.1
3821.9	47.5°	3877.8	3987.1	4171.1	4598.8	5026.4	7323.4	9620.4	12792.9	15965.5	17485.5
3626.5	50°	3676.1	3803.1	4045.0	4427.3	4809.6	7192.2	9574.7	13430.8	17287.0	19578.5
3476.7	52.5°	3525.8	3703.2	3981.4	4314.3	4647.6	6970.5	9293.7	13845.1	18396.2	21777.1
3368.3	55°	3445.9	3713.2	3972.0	4232.4	4492.9	6603.0	8713.1	13753.8	18794.2	23726.2
3285.0	57.5°	3397.9	3723.2	3951.4	4135.4	4319.5	6084.9	7850.1	13111.3	18372.8	25107.7
3206.5	60°	3352.9	3691.8	3842.4	3987.1	4131.7	5412.2	6692.6	11915.6	17138.6	25452.9
3117.2	62.5°	3300.4	3614.8	3633.3	3729.2	3825.3	4607.0	5388.8	10298.8	15208.8	23999.3
2995.1	65°	3189.7	3429.3	3427.0	3472.4	3517.8	3882.7	4247.6	8649.2	13051.1	21942.5
2830.2	67.5°	2992.2	3126.9	3133.2	3108.1	3082.7	3186.5	3290.1	7033.2	10776.4	19494.9
2626.5	70°	2741.7	2786.0	2786.0	2668.7	2551.2	2521.8	2492.1	5537.7	8583.3	16824.2
2383.7	72.5°	2462.7	2462.2	2434.2	2267.9	2101.2	2011.7	1922.4	4233.6	6544.8	13929.0
2085.3	75°	2146.0	2156.9	2027.9	1841.3	1654.7	1573.7	1492.7	3072.7	4652.7	10610.1
1780.0	77.5°	1828.8	1834.5	1621.9	1440.8	1259.6	1204.3	1149.2	2082.1	3015.1	7426.1
1426.2	80°	1467.0	1467.9	1214.0	1060.8	907.3	884.4	861.6	1341.5	1821.6	4784.5
1059.0	82.5°	1079.0	1067.0	850.2	737.2	624.2	619.7	615.7	825.1	1035.1	2769.1
689.0	85°	710.4	694.7	533.5	450.8	368.0	370.3	372.3	441.1	510.1	1245.6
305.3	87.5°	313.8	293.9	226.8	192.9	159.2	161.2	163.2	182.9	202.6	408.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

270°		275°	280°	285°	290°	295°	300°	305°	310°	315°	320°
7435.0	0°	7435.0	7435.0	7435.0	7435.0	7435.0	7435.0	7435.0	7435.0	7435.0	7435.0
7995.6	2.5°	8025.8	8056.3	8099.4	8142.5	8168.2	8193.9	8206.7	8219.5	8213.8	8219.5
8597.6	5°	8703.4	8809.5	8914.5	9019.8	9076.9	9133.9	9168.4	9203.3	9229.5	9203.3
9202.4	7.5°	9374.7	9546.8	9701.7	9856.6	9949.9	10043.2	10093.7	10143.9	10168.1	10143.9
9666.0	10°	9869.7	10073.4	10255.2	10436.9	10547.0	10656.6	10705.6	10754.4	10773.0	10754.4
9949.9	12.5°	10170.7	10391.2	10555.6	10719.3	10799.2	10879.1	10905.9	10932.7	10935.6	10932.7
10122.5	15°	10313.1	10503.4	10606.4	10709.6	10712.5	10715.3	10686.8	10658.3	10624.6	10658.3
10219.5	17.5°	10348.2	10476.8	10478.8	10480.5	10365.0	10249.5	10143.6	10037.5	9962.7	10037.5
10326.5	20°	10371.3	10416.4	10280.8	10145.3	9890.3	9635.2	9449.5	9263.7	9149.6	9263.7
10450.6	22.5°	10391.8	10333.0	10052.3	9771.6	9396.4	9021.2	8789.0	8556.8	8430.7	8556.8
10610.4	25°	10424.9	10239.5	9813.2	9387.0	8931.4	8475.7	8231.5	7987.9	7868.6	7987.9
10827.2	27.5°	10495.7	10163.9	9599.2	9034.9	8529.9	8025.0	7784.7	7544.8	7432.1	7544.8
11119.6	30°	10625.2	10131.1	9436.1	8741.1	8215.0	7688.9	7466.1	7243.2	7138.2	7243.2
11464.8	32.5°	10787.8	10111.1	9324.8	8538.5	8044.1	7549.6	7374.8	7199.6	7124.0	7199.6
11884.2	35°	11055.7	10227.5	9408.1	8589.0	8245.5	7902.3	7861.5	7820.7	7814.4	7820.7
12590.3	37.5°	11615.8	10641.2	9896.5	9151.9	9129.6	9107.4	9294.0	9480.6	9577.6	9480.6
13657.4	40°	12597.5	11537.6	10983.8	10430.0	10820.9	11211.8	11665.4	12119.0	12345.0	12119.0
15072.5	42.5°	14020.8	12969.2	12650.3	12331.3	13183.8	14036.3	14861.3	15686.4	16170.9	15686.4
16819.9	45°	15875.3	14930.4	14789.7	14648.8	16014.5	17380.6	18736.3	20092.3	20915.4	20092.3
19005.3	47.5°	18086.4	17167.2	17138.6	17110.1	19080.4	21050.1	23034.9	25019.5	26185.0	25019.5
21869.8	50°	20734.6	19599.6	19604.5	19609.3	22148.5	24687.7	27307.6	29927.5	31511.5	29927.5
25157.9	52.5°	23783.3	22409.0	22270.1	22130.8	25163.9	28196.9	31438.5	34679.8	36578.5	34679.8
28658.5	55°	27300.5	25942.5	25400.7	24858.9	28234.6	31610.0	35474.4	39338.8	41596.9	39338.8
31842.5	57.5°	31103.0	30363.2	29276.5	28190.1	31598.6	35007.0	39384.1	43760.9	46561.2	43760.9
33766.8	60°	34915.5	36064.4	34714.9	33365.4	36591.0	39816.7	44503.0	49189.4	52215.9	49189.4
32789.7	62.5°	35928.3	39066.9	38914.8	38762.5	41717.3	44672.5	49131.2	53589.6	56387.0	53589.6
30833.9	65°	33779.7	36725.4	37308.3	37890.9	41646.0	45401.4	49724.9	54048.1	56429.8	54048.1
28213.5	67.5°	31015.1	33816.8	34090.1	34363.1	38275.7	42188.1	46530.1	50872.1	52738.0	50872.1
25065.2	70°	28112.5	31160.0	31282.2	31404.5	34903.5	38402.1	42138.7	45875.0	46912.1	45875.0
21313.4	72.5°	24810.4	28307.6	28395.5	28483.1	31220.5	33958.0	36756.5	39554.7	39659.7	39554.7
16567.4	75°	20186.8	23806.1	24131.1	24456.0	26585.8	28715.6	30685.6	32655.6	32127.8	32655.6
11837.2	77.5°	15215.7	18594.5	19059.6	19524.6	21143.7	22762.8	24159.9	25557.3	24650.0	25557.3
7747.4	80°	10589.8	13432.0	14010.0	14588.0	15810.8	17033.1	17766.9	18500.4	17041.0	18500.4
4503.5	82.5°	6446.7	8390.1	9035.8	9681.7	10523.3	11365.0	11671.1	11977.0	10830.0	11977.0
1981.4	85°	3012.8	4044.1	4593.4	5142.6	5834.1	6525.4	6699.2	6872.9	5954.2	6872.9
613.4	87.5°	960.0	1306.7	1613.1	1919.5	2265.3	2611.1	2625.9	2640.5	2216.8	2640.5
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):

325°		330°	335°	340°	345°	350°	355°	360°
7435.0	0°	7435.0	7435.0	7435.0	7435.0	7435.0	7435.0	7435.0
8206.7	2.5°	8193.9	8168.2	8142.5	8099.4	8056.3	8025.8	7995.6
9168.4	5°	9133.9	9076.9	9019.8	8914.5	8809.5	8703.4	8597.6
10093.7	7.5°	10043.2	9949.9	9856.6	9701.7	9546.8	9374.7	9202.4
10705.6	10°	10656.6	10547.0	10436.9	10255.2	10073.4	9869.7	9666.0
10905.9	12.5°	10879.1	10799.2	10719.3	10555.6	10391.2	10170.7	9949.9
10686.8	15°	10715.3	10712.5	10709.6	10606.4	10503.4	10313.1	10122.5
10143.6	17.5°	10249.5	10365.0	10480.5	10478.8	10476.8	10348.2	10219.5
9449.5	20°	9635.2	9890.3	10145.3	10280.8	10416.4	10371.3	10326.5
8789.0	22.5°	9021.2	9396.4	9771.6	10052.3	10333.0	10391.8	10450.6
8231.5	25°	8475.7	8931.4	9387.0	9813.2	10239.5	10424.9	10610.4
7784.7	27.5°	8025.0	8529.9	9034.9	9599.2	10163.9	10495.7	10827.2
7466.1	30°	7688.9	8215.0	8741.1	9436.1	10131.1	10625.2	11119.6
7374.8	32.5°	7549.6	8044.1	8538.5	9324.8	10111.1	10787.8	11464.8
7861.5	35°	7902.3	8245.5	8589.0	9408.1	10227.5	11055.7	11884.2
9294.0	37.5°	9107.4	9129.6	9151.9	9896.5	10641.2	11615.8	12590.3
11665.4	40°	11211.8	10820.9	10430.0	10983.8	11537.6	12597.5	13657.4
14861.3	42.5°	14036.3	13183.8	12331.3	12650.3	12969.2	14020.8	15072.5
18736.3	45°	17380.6	16014.5	14648.8	14789.7	14930.4	15875.3	16819.9
23034.9	47.5°	21050.1	19080.4	17110.1	17138.6	17167.2	18086.4	19005.3
27307.6	50°	24687.7	22148.5	19609.3	19604.5	19599.6	20734.6	21869.8
31438.5	52.5°	28196.9	25163.9	22130.8	22270.1	22409.0	23783.3	25157.9
35474.4	55°	31610.0	28234.6	24858.9	25400.7	25942.5	27300.5	28658.5
39384.1	57.5°	35007.0	31598.6	28190.1	29276.5	30363.2	31103.0	31842.5
44503.0	60°	39816.7	36591.0	33365.4	34714.9	36064.4	34915.5	33766.8
49131.2	62.5°	44672.5	41717.3	38762.5	38914.8	39066.9	35928.3	32789.7
49724.9	65°	45401.4	41646.0	37890.9	37308.3	36725.4	33779.7	30833.9
46530.1	67.5°	42188.1	38275.7	34363.1	34090.1	33816.8	31015.1	28213.5
42138.7	70°	38402.1	34903.5	31404.5	31282.2	31160.0	28112.5	25065.2
36756.5	72.5°	33958.0	31220.5	28483.1	28395.5	28307.6	24810.4	21313.4
30685.6	75°	28715.6	26585.8	24456.0	24131.1	23806.1	20186.8	16567.4
24159.9	77.5°	22762.8	21143.7	19524.6	19059.6	18594.5	15215.7	11837.2
17766.9	80°	17033.1	15810.8	14588.0	14010.0	13432.0	10589.8	7747.4
11671.1	82.5°	11365.0	10523.3	9681.7	9035.8	8390.1	6446.7	4503.5
6699.2	85°	6525.4	5834.1	5142.6	4593.4	4044.1	3012.8	1981.4
2625.9	87.5°	2611.1	2265.3	1919.5	1613.1	1306.7	960.0	613.4
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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