

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: P948830

Luminaire Tested: **GALN-SB3D-735-U-SLL**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P948830
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-SB3D-735-U-SLL
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(3) 70 CRI, 3500K, 900mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR LEFT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 30422 lumens
Efficiency: N/A
Efficacy: 139.5 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B3 - U0 - G5

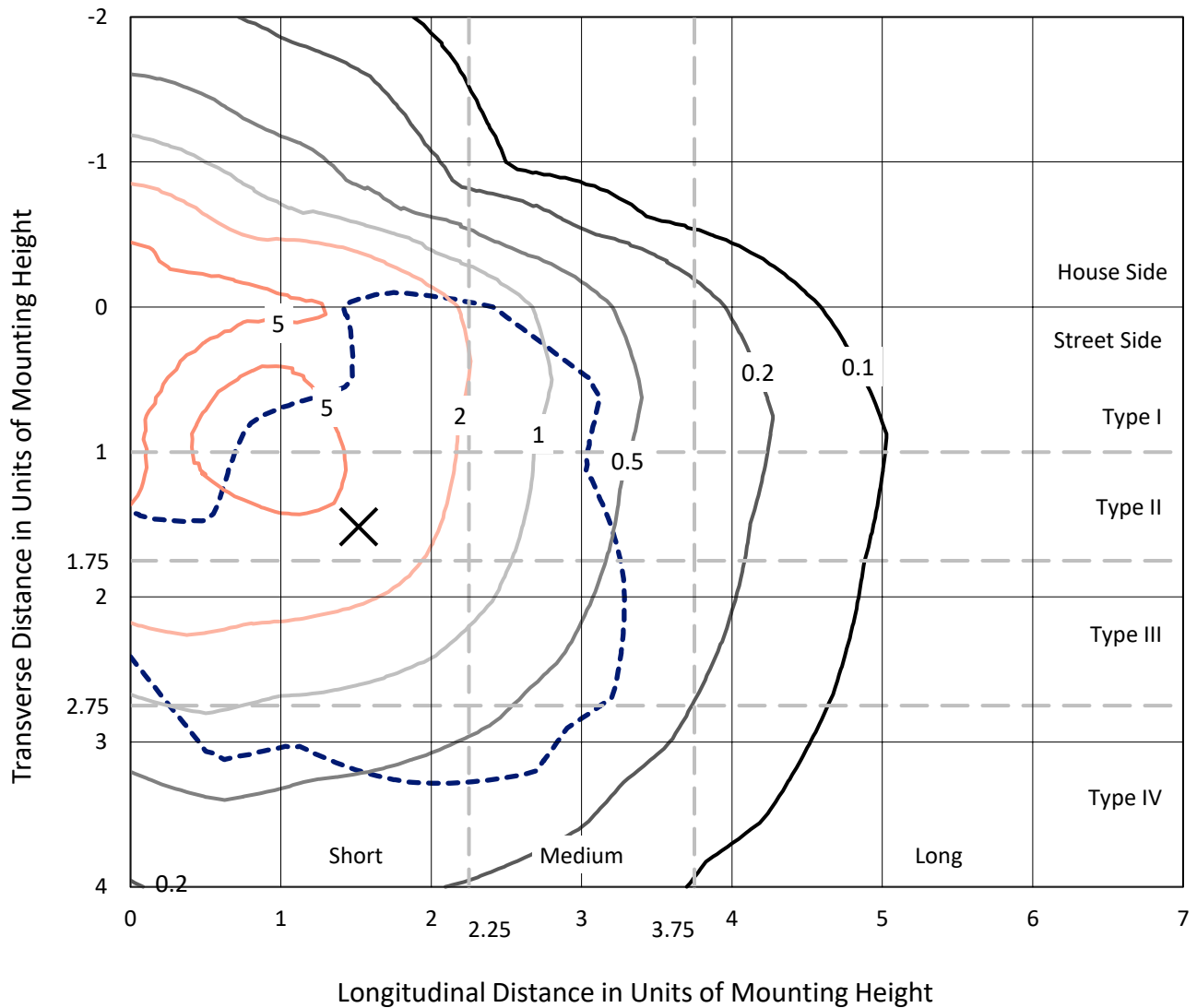
Input Watts (W): 218.1
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

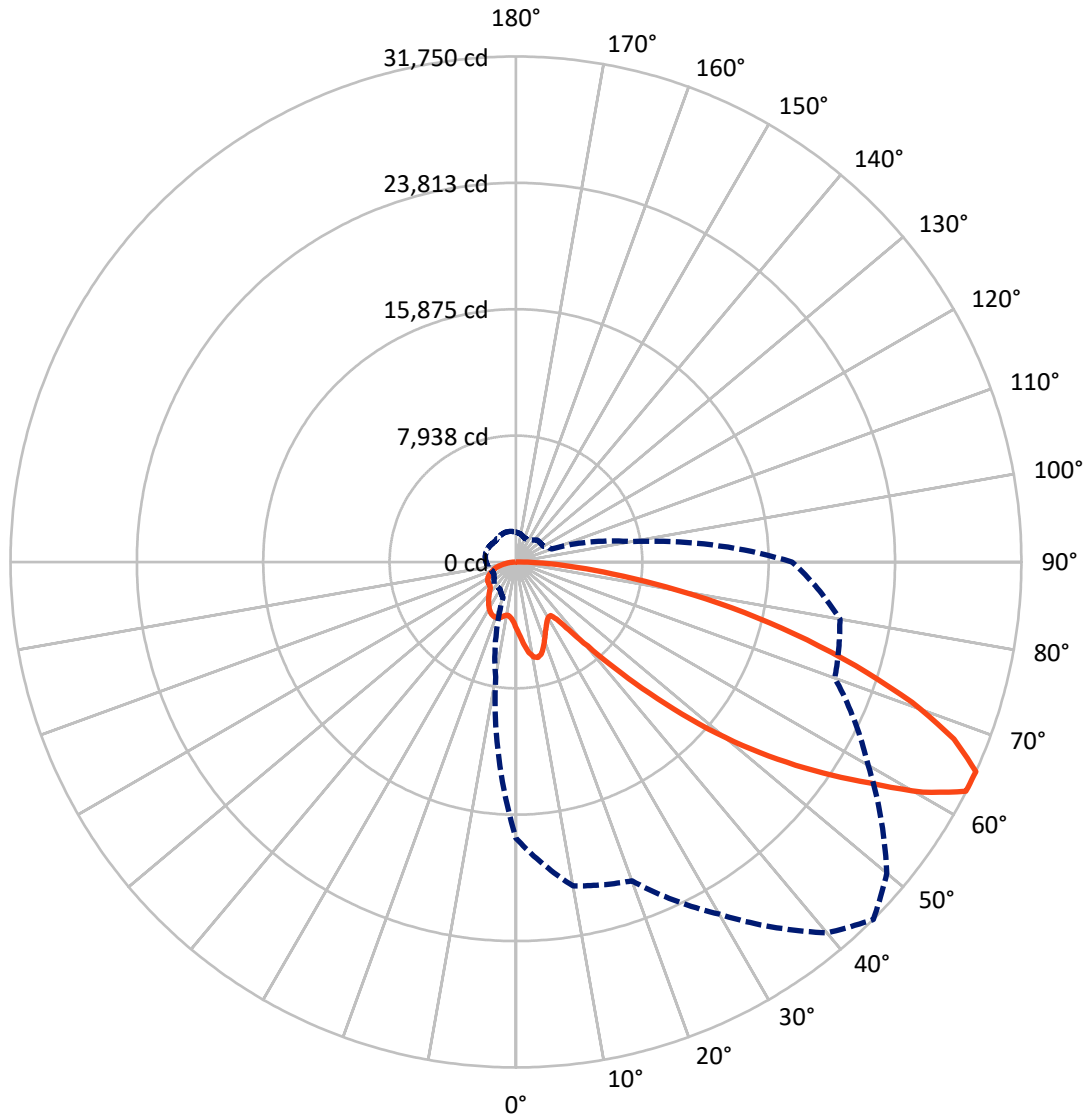
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 9.3 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

REPORT NUMBER: P948830

CATALOG NUMBER: GALN-SB3D-735-U-SLL

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	7731.7	0.0	7731.7
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	22690.3	0.0	22690.3
	% Fixture	74.6	0.0	74.6
Total	Lumens	30422.0	0.0	30422.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	415.0	1.4
10°-20°	1302.7	4.3
20°-30°	2012.2	6.6
30°-40°	2550.0	8.4
40°-50°	3846.0	12.6
50°-60°	6213.9	20.4
60°-70°	7746.6	25.5
70°-80°	5079.8	16.7
80°-90°	1255.9	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°	30422.0	100.0
0°-180°	30422.0	100.0



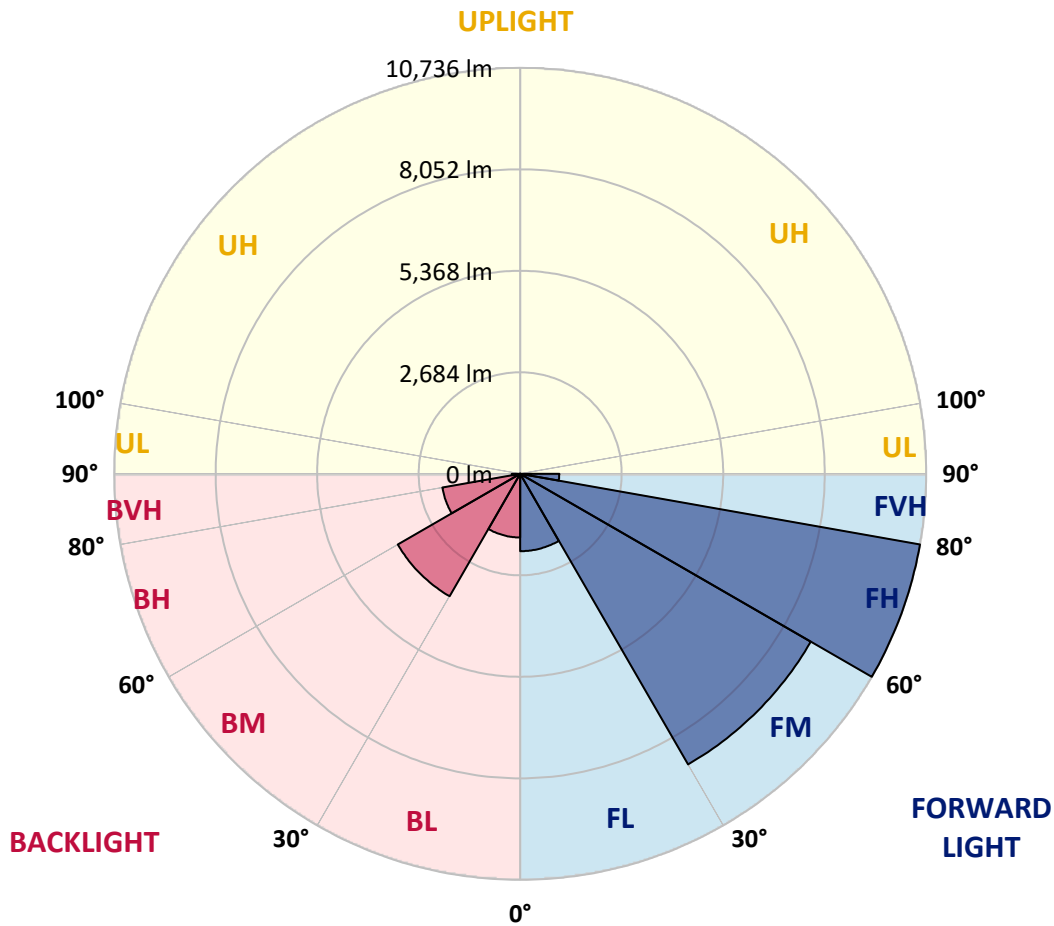
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	2046.2	6.7			
FM (30°-60°)	8873.4	29.2			
FH (60°-80°)	10736.0	35.3			G4/12000
FVH (80°-90°)	1034.5	3.4			G5
BL (0°-30°)	1683.7	5.5	B3/2500		
BM (30°-60°)	3736.5	12.3	B3/5000		
BH (60°-80°)	2090.3	6.9	B3/2500		G3/2500
BVH (80°-90°)	221.3	0.7			G2/225
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G5

Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°
0°	4183.3	4183.3	4183.3	4183.3	4183.3	4183.3	4183.3	4183.3	4183.3	4183.3
2.5°	4498.7	4515.7	4532.9	4557.2	4581.4	4595.8	4610.3	4617.5	4624.7	4621.5
5°	4837.4	4897.0	4956.7	5015.8	5075.0	5107.1	5139.2	5158.6	5178.2	5193.0
7.5°	5177.7	5274.7	5371.5	5458.7	5545.8	5598.3	5650.8	5679.2	5707.5	5721.1
10°	5438.6	5553.2	5667.8	5770.1	5872.3	5934.3	5995.9	6023.5	6051.0	6061.4
12.5°	5598.3	5722.6	5846.6	5939.1	6031.3	6076.2	6121.1	6136.2	6151.3	6152.9
15°	5695.4	5802.7	5909.7	5967.7	6025.8	6027.4	6029.0	6013.0	5996.9	5978.0
17.5°	5750.0	5822.4	5894.8	5895.9	5896.9	5831.9	5766.9	5707.3	5647.6	5605.5
20°	5810.2	5835.4	5860.8	5784.5	5708.3	5564.8	5421.3	5316.8	5212.3	5148.0
22.5°	5880.0	5847.0	5813.9	5655.9	5498.0	5286.9	5075.8	4945.1	4814.5	4743.5
25°	5969.9	5865.6	5761.2	5521.4	5281.6	5025.2	4768.9	4631.5	4494.4	4427.3
27.5°	6091.9	5905.4	5718.7	5401.0	5083.5	4799.4	4515.3	4380.1	4245.1	4181.7
30°	6256.5	5978.3	5700.3	5309.2	4918.2	4622.2	4326.2	4200.8	4075.4	4016.3
32.5°	6450.7	6069.8	5689.0	5246.6	4804.2	4526.0	4247.8	4149.4	4050.9	4008.3
35°	6686.7	6220.5	5754.5	5293.5	4832.6	4639.3	4446.2	4423.3	4400.3	4396.8
37.5°	7084.0	6535.6	5987.3	5568.3	5149.3	5136.8	5124.3	5229.3	5334.3	5388.8
40°	7684.3	7088.0	6491.6	6180.1	5868.5	6088.4	6308.3	6563.6	6818.8	6945.9
42.5°	8480.5	7888.9	7297.2	7117.7	6938.2	7417.9	7897.5	8361.8	8826.0	9098.6
45°	9463.8	8932.3	8400.6	8321.5	8242.2	9010.6	9779.2	10542.0	11305.0	11768.1
47.5°	10693.4	10176.3	9659.1	9643.1	9627.0	10735.6	11843.9	12960.6	14077.3	14733.0
50°	12305.1	11666.3	11027.8	11030.5	11033.2	12461.9	13890.6	15364.7	16838.8	17730.0
52.5°	14155.1	13381.7	12608.5	12530.3	12451.9	14158.5	15865.0	17688.9	19512.6	20580.9
55°	16124.8	15360.7	14596.6	14291.7	13986.9	15886.2	17785.4	19959.7	22134.0	23404.6
57.5°	17916.2	17500.1	17083.9	16472.5	15861.2	17779.0	19696.8	22159.5	24622.2	26197.7
60°	18999.0	19645.2	20291.7	19532.4	18773.1	20588.0	22402.9	25039.7	27676.5	29379.3
62.5°	18449.2	20215.1	21981.0	21895.5	21809.8	23472.3	25135.0	27643.7	30152.3	31726.2
65°	17348.8	19006.2	20663.6	20991.6	21319.4	23432.2	25545.2	27977.8	30410.2	31750.3
67.5°	15874.3	17450.7	19027.1	19180.8	19334.5	21535.9	23737.2	26180.2	28623.3	29673.1
70°	14102.9	15817.5	17532.2	17600.9	17669.8	19638.5	21607.0	23709.4	25811.7	26395.2
72.5°	11992.0	13959.6	15927.3	15976.8	16026.0	17566.3	19106.5	20681.1	22255.5	22314.6
75°	9321.7	11358.1	13394.5	13577.4	13760.2	14958.5	16156.9	17265.3	18373.7	18076.7
77.5°	6660.2	8561.1	10462.2	10723.9	10985.5	11896.5	12807.5	13593.6	14379.8	13869.4
80°	4359.1	5958.4	7557.5	7882.8	8208.0	8896.0	9583.7	9996.5	10409.3	9588.2
82.5°	2533.9	3627.2	4720.7	5084.0	5447.4	5921.0	6394.5	6566.8	6738.8	6093.5
85°	1114.8	1695.1	2275.4	2584.5	2893.5	3282.6	3671.5	3769.3	3867.1	3350.2
87.5°	345.1	540.2	735.2	907.6	1080.0	1274.6	1469.1	1477.5	1485.7	1247.3
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°
4183.3	0°	4183.3	4183.3	4183.3	4183.3	4183.3	4183.3	4183.3	4183.3	4183.3	4183.3
4624.7	2.5°	4617.5	4610.3	4595.8	4581.4	4557.2	4532.9	4515.7	4498.7	4464.2	4429.7
5178.2	5°	5158.6	5139.2	5107.1	5075.0	5015.8	4956.7	4897.0	4837.4	4761.2	4684.9
5707.5	7.5°	5679.2	5650.8	5598.3	5545.8	5458.7	5371.5	5274.7	5177.7	5051.9	4926.2
6051.0	10°	6023.5	5995.9	5934.3	5872.3	5770.1	5667.8	5553.2	5438.6	5279.5	5120.4
6151.3	12.5°	6136.2	6121.1	6076.2	6031.3	5939.1	5846.6	5722.6	5598.3	5423.5	5248.9
5996.9	15°	6013.0	6029.0	6027.4	6025.8	5967.7	5909.7	5802.7	5695.4	5513.2	5331.0
5647.6	17.5°	5707.3	5766.9	5831.9	5896.9	5895.9	5894.8	5822.4	5750.0	5565.2	5380.5
5212.3	20°	5316.8	5421.3	5564.8	5708.3	5784.5	5860.8	5835.4	5810.2	5618.2	5426.1
4814.5	22.5°	4945.1	5075.8	5286.9	5498.0	5655.9	5813.9	5847.0	5880.0	5683.9	5487.6
4494.4	25°	4631.5	4768.9	5025.2	5281.6	5521.4	5761.2	5865.6	5969.9	5777.6	5585.5
4245.1	27.5°	4380.1	4515.3	4799.4	5083.5	5401.0	5718.7	5905.4	6091.9	5908.6	5725.1
4075.4	30°	4200.8	4326.2	4622.2	4918.2	5309.2	5700.3	5978.3	6256.5	6079.3	5902.2
4050.9	32.5°	4149.4	4247.8	4526.0	4804.2	5246.6	5689.0	6069.8	6450.7	6275.3	6100.0
4400.3	35°	4423.3	4446.2	4639.3	4832.6	5293.5	5754.5	6220.5	6686.7	6518.8	6350.7
5334.3	37.5°	5229.3	5124.3	5136.8	5149.3	5568.3	5987.3	6535.6	7084.0	6869.8	6655.7
6818.8	40°	6563.6	6308.3	6088.4	5868.5	6180.1	6491.6	7088.0	7684.3	7372.3	7060.2
8826.0	42.5°	8361.8	7897.5	7417.9	6938.2	7117.7	7297.2	7888.9	8480.5	8030.1	7579.7
11305.0	45°	10542.0	9779.2	9010.6	8242.2	8321.5	8400.6	8932.3	9463.8	8856.2	8248.6
14077.3	47.5°	12960.6	11843.9	10735.6	9627.0	9643.1	9659.1	10176.3	10693.4	9838.3	8983.0
16838.8	50°	15364.7	13890.6	12461.9	11033.2	11030.5	11027.8	11666.3	12305.1	11015.9	9726.5
19512.6	52.5°	17688.9	15865.0	14158.5	12451.9	12530.3	12608.5	13381.7	14155.1	12252.9	10350.7
22134.0	55°	19959.7	17785.4	15886.2	13986.9	14291.7	14596.6	15360.7	16124.8	13349.6	10574.6
24622.2	57.5°	22159.5	19696.8	17779.0	15861.2	16472.5	17083.9	17500.1	17916.2	14126.9	10337.5
27676.5	60°	25039.7	22402.9	20588.0	18773.1	19532.4	20291.7	19645.2	18999.0	14321.1	9643.1
30152.3	62.5°	27643.7	25135.0	23472.3	21809.8	21895.5	21981.0	20215.1	18449.2	13503.2	8557.3
30410.2	65°	27977.8	25545.2	23432.2	21319.4	20991.6	20663.6	19006.2	17348.8	12346.0	7343.2
28623.3	67.5°	26180.2	23737.2	21535.9	19334.5	19180.8	19027.1	17450.7	15874.3	10968.8	6063.4
25811.7	70°	23709.4	21607.0	19638.5	17669.8	17600.9	17532.2	15817.5	14102.9	9466.2	4829.4
22255.5	72.5°	20681.1	19106.5	17566.3	16026.0	15976.8	15927.3	13959.6	11992.0	7837.2	3682.4
18373.7	75°	17265.3	16156.9	14958.5	13760.2	13577.4	13394.5	11358.1	9321.7	5969.8	2617.8
14379.8	77.5°	13593.6	12807.5	11896.5	10985.5	10723.9	10462.2	8561.1	6660.2	4178.3	1696.4
10409.3	80°	9996.5	9583.7	8896.0	8208.0	7882.8	7557.5	5958.4	4359.1	2692.0	1025.0
6738.8	82.5°	6566.8	6394.5	5921.0	5447.4	5084.0	4720.7	3627.2	2533.9	1558.1	582.4
3867.1	85°	3769.3	3671.5	3282.6	2893.5	2584.5	2275.4	1695.1	1114.8	700.9	287.0
1485.7	87.5°	1477.5	1469.1	1274.6	1080.0	907.6	735.2	540.2	345.1	229.6	114.0
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):

105°		110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
4183.3	0°	4183.3	4183.3	4183.3	4183.3	4183.3	4183.3	4183.3	4183.3	4183.3	4183.3
4392.9	2.5°	4356.3	4319.4	4282.5	4247.2	4211.9	4177.7	4139.6	4108.8	4078.1	4050.4
4608.8	5°	4532.9	4456.3	4379.9	4308.5	4237.1	4169.6	4103.0	4044.9	3986.6	3937.8
4810.0	7.5°	4693.8	4580.6	4467.4	4367.7	4268.0	4176.1	4089.9	4012.5	3935.3	3871.1
4966.8	10°	4813.3	4675.9	4538.4	4420.5	4302.4	4188.9	4096.3	4014.7	3933.2	3869.0
5074.8	12.5°	4900.8	4738.7	4576.6	4443.2	4309.8	4190.5	4104.3	4037.5	3971.1	3928.4
5142.3	15°	4953.5	4766.8	4580.1	4425.7	4271.3	4139.1	4070.1	4038.2	4006.4	4012.2
5174.5	17.5°	4968.6	4751.9	4535.2	4349.4	4163.7	4008.3	3965.8	3977.5	3989.1	4059.0
5199.7	20°	4973.4	4710.8	4448.2	4218.0	3987.8	3806.9	3795.6	3850.2	3904.8	4026.3
5233.8	22.5°	4979.8	4660.4	4340.9	4063.7	3786.5	3580.5	3602.5	3683.3	3764.0	3902.7
5295.4	25°	5005.2	4610.6	4216.2	3891.5	3566.9	3355.8	3415.2	3508.3	3601.4	3726.1
5391.7	27.5°	5058.1	4577.4	4096.6	3734.0	3371.4	3179.2	3251.4	3341.3	3431.2	3533.8
5516.4	30°	5130.7	4561.8	3992.6	3602.3	3212.1	3050.8	3107.4	3178.7	3250.3	3335.4
5646.6	32.5°	5193.3	4542.5	3891.5	3488.9	3086.1	2956.1	2981.3	3023.5	3065.7	3133.6
5795.0	35°	5239.2	4506.3	3773.6	3377.3	2981.0	2872.6	2862.2	2873.7	2885.4	2937.3
5961.1	37.5°	5266.5	4444.1	3621.8	3246.0	2870.2	2775.5	2737.3	2724.4	2711.6	2748.8
6172.0	40°	5283.7	4358.6	3433.6	3089.3	2745.0	2659.1	2600.5	2571.5	2542.4	2569.2
6448.0	42.5°	5316.3	4270.3	3224.6	2916.4	2608.2	2529.1	2455.2	2416.7	2378.2	2400.0
6811.1	45°	5373.6	4188.3	3003.1	2732.8	2462.5	2382.2	2310.8	2273.2	2235.8	2254.1
7198.0	47.5°	5412.9	4120.5	2828.1	2587.5	2346.9	2243.3	2181.9	2150.4	2118.9	2136.3
7556.9	50°	5387.2	4046.7	2706.1	2491.0	2275.9	2139.8	2068.4	2040.4	2012.7	2039.6
7790.0	52.5°	5229.1	3922.0	2615.0	2427.5	2240.1	2083.6	1983.8	1956.2	1928.7	1969.3
7738.6	55°	4902.4	3715.2	2528.0	2381.4	2234.8	2089.2	1938.8	1895.2	1851.7	1909.3
7377.1	57.5°	4416.9	3423.7	2430.4	2326.8	2223.3	2094.9	1911.9	1848.3	1784.7	1846.7
6704.3	60°	3765.6	3045.2	2324.7	2243.3	2162.0	2077.2	1886.5	1804.1	1721.6	1776.1
5794.6	62.5°	3032.0	2592.2	2152.3	2098.2	2044.3	2033.9	1857.0	1753.9	1651.0	1685.5
4866.5	65°	2389.9	2184.6	1979.3	1953.8	1928.2	1929.5	1794.7	1685.2	1575.6	1588.9
3957.3	67.5°	1851.2	1792.9	1734.5	1748.8	1762.9	1759.4	1683.6	1592.4	1501.2	1497.1
3115.8	70°	1402.2	1418.9	1435.4	1501.6	1567.5	1567.5	1542.6	1477.8	1412.9	1398.5
2382.0	72.5°	1081.6	1131.9	1182.3	1276.0	1369.6	1385.3	1385.7	1341.2	1296.7	1275.5
1728.9	75°	839.9	885.5	931.0	1036.0	1141.0	1213.6	1207.5	1173.3	1138.9	1118.7
1171.5	77.5°	646.6	677.6	708.7	810.7	912.6	1032.2	1029.0	1001.5	974.1	953.5
754.8	80°	484.8	497.6	510.5	596.8	683.0	825.9	825.4	802.5	779.3	762.2
464.2	82.5°	346.4	348.7	351.2	414.8	478.4	600.4	607.1	595.9	584.6	572.4
248.2	85°	209.5	208.4	207.1	253.6	300.2	390.9	399.7	387.7	375.6	362.0
102.9	87.5°	91.8	90.7	89.6	108.5	127.6	165.3	176.6	171.8	166.9	164.4
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°
4183.3	0°	4183.3	4183.3	4183.3	4183.3	4183.3	4183.3	4183.3	4183.3	4183.3	4183.3
4022.8	2.5°	3998.5	3974.3	3949.9	3925.6	3906.9	3887.9	3872.7	3857.4	3845.5	3833.7
3889.2	5°	3846.2	3803.2	3764.2	3725.0	3695.0	3664.8	3643.8	3622.7	3607.8	3592.9
3806.9	7.5°	3752.8	3698.5	3650.7	3603.0	3567.2	3531.6	3506.5	3481.5	3464.3	3447.3
3804.8	10°	3746.5	3688.1	3634.3	3580.5	3537.8	3495.0	3467.0	3438.8	3422.6	3406.3
3886.0	12.5°	3840.1	3794.5	3738.8	3683.3	3628.7	3574.1	3538.0	3501.9	3483.7	3465.7
4017.9	15°	4006.1	3994.2	3945.9	3897.6	3819.9	3742.2	3687.3	3632.4	3607.2	3582.1
4129.0	17.5°	4166.3	4203.4	4164.3	4125.5	4022.6	3919.7	3838.8	3757.9	3720.7	3683.3
4148.0	20°	4225.8	4303.7	4285.7	4267.6	4149.9	4032.4	3933.2	3834.1	3786.5	3738.6
4041.7	22.5°	4143.0	4244.3	4255.2	4266.0	4153.6	4041.2	3939.1	3836.9	3786.6	3736.2
3851.0	25°	3950.7	4050.4	4087.6	4124.7	4032.6	3940.6	3849.7	3759.2	3715.5	3672.0
3636.2	27.5°	3716.2	3796.1	3837.5	3879.1	3813.4	3747.9	3677.5	3607.0	3577.8	3548.4
3420.5	30°	3486.8	3553.2	3586.9	3620.6	3570.7	3520.6	3470.2	3419.5	3404.6	3389.5
3201.7	32.5°	3265.2	3329.0	3366.4	3403.9	3358.0	3312.0	3271.7	3231.4	3221.6	3211.8
2989.0	35°	3051.9	3115.0	3159.9	3204.9	3172.1	3139.6	3102.3	3065.2	3050.3	3035.5
2785.9	37.5°	2848.7	2911.6	2967.1	3022.7	3007.6	2992.5	2958.3	2924.0	2896.8	2869.9
2596.0	40°	2656.7	2717.4	2781.3	2845.3	2849.0	2852.5	2823.5	2794.4	2754.9	2715.8
2422.0	42.5°	2479.5	2537.1	2606.1	2675.2	2693.6	2712.1	2687.5	2663.1	2614.2	2565.2
2272.7	45°	2327.3	2381.9	2453.5	2525.1	2551.5	2578.0	2555.9	2533.9	2477.9	2422.0
2153.4	47.5°	2206.9	2260.2	2330.8	2401.5	2432.0	2462.5	2447.0	2431.6	2381.9	2332.1
2066.8	50°	2117.2	2167.4	2230.7	2293.9	2333.1	2372.2	2371.3	2370.6	2330.8	2291.0
2009.8	52.5°	2056.0	2102.1	2161.0	2220.1	2266.5	2312.8	2321.2	2329.5	2297.1	2264.7
1966.8	55°	2016.5	2066.3	2118.0	2169.5	2218.6	2267.9	2279.5	2291.0	2262.8	2234.5
1908.6	57.5°	1967.1	2025.5	2076.6	2127.8	2177.4	2226.8	2238.5	2250.2	2221.7	2193.1
1830.3	60°	1897.4	1964.5	2016.4	2068.4	2118.1	2167.9	2180.7	2193.6	2165.6	2137.9
1720.0	62.5°	1798.2	1876.5	1931.9	1987.3	2032.9	2078.5	2090.8	2103.2	2078.0	2052.8
1602.0	65°	1685.8	1769.8	1822.8	1875.7	1915.9	1956.0	1968.7	1981.2	1957.0	1932.7
1492.9	67.5°	1570.3	1647.8	1698.0	1748.1	1782.8	1817.5	1829.8	1842.0	1819.7	1797.6
1384.0	70°	1452.1	1520.2	1563.5	1606.9	1638.2	1669.5	1681.3	1693.2	1675.1	1656.9
1254.5	72.5°	1308.1	1361.6	1400.7	1439.9	1470.6	1501.2	1515.4	1529.5	1514.4	1499.3
1098.3	75°	1138.1	1177.9	1213.4	1248.9	1276.8	1304.7	1319.5	1334.3	1326.9	1319.5
933.0	77.5°	965.4	997.7	1028.2	1058.7	1088.0	1117.3	1131.1	1144.9	1134.6	1124.0
744.8	80°	771.8	798.6	824.3	850.0	872.3	894.4	912.7	931.0	926.6	922.2
560.2	82.5°	558.0	555.7	546.7	537.8	585.3	632.8	663.9	695.1	693.1	691.1
348.3	85°	336.8	325.1	300.2	275.3	319.8	364.4	402.9	441.4	438.2	435.0
161.8	87.5°	161.3	160.8	141.9	122.8	141.4	160.2	175.8	191.3	187.5	183.3
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°
4183.3	0°	4183.3	4183.3	4183.3	4183.3	4183.3	4183.3	4183.3	4183.3	4183.3	4183.3
3822.7	2.5°	3811.7	3798.0	3811.7	3822.7	3833.7	3845.5	3857.4	3872.7	3887.9	3906.9
3581.5	5°	3570.1	3558.8	3570.1	3581.5	3592.9	3607.8	3622.7	3643.8	3664.8	3695.0
3437.0	7.5°	3426.9	3419.2	3426.9	3437.0	3447.3	3464.3	3481.5	3506.5	3531.6	3567.2
3397.7	10°	3389.0	3385.5	3389.0	3397.7	3406.3	3422.6	3438.8	3467.0	3495.0	3537.8
3458.4	12.5°	3451.0	3449.7	3451.0	3458.4	3465.7	3483.7	3501.9	3538.0	3574.1	3628.7
3572.5	15°	3562.9	3562.1	3562.9	3572.5	3582.1	3607.2	3632.4	3687.3	3742.2	3819.9
3671.1	17.5°	3658.7	3656.8	3658.7	3671.1	3683.3	3720.7	3757.9	3838.8	3919.7	4022.6
3723.4	20°	3708.1	3703.3	3708.1	3723.4	3738.6	3786.5	3834.1	3933.2	4032.4	4149.9
3719.4	22.5°	3702.5	3695.3	3702.5	3719.4	3736.2	3786.6	3836.9	3939.1	4041.2	4153.6
3656.1	25°	3640.4	3631.1	3640.4	3656.1	3672.0	3715.5	3759.2	3849.7	3940.6	4032.6
3541.2	27.5°	3534.0	3531.6	3534.0	3541.2	3548.4	3577.8	3607.0	3677.5	3747.9	3813.4
3389.5	30°	3389.5	3391.9	3389.5	3389.5	3389.5	3404.6	3419.5	3470.2	3520.6	3570.7
3213.1	32.5°	3214.5	3216.9	3214.5	3213.1	3211.8	3221.6	3231.4	3271.7	3312.0	3358.0
3032.3	35°	3029.1	3027.5	3029.1	3032.3	3035.5	3050.3	3065.2	3102.3	3139.6	3172.1
2855.6	37.5°	2841.3	2833.3	2841.3	2855.6	2869.9	2896.8	2924.0	2958.3	2992.5	3007.6
2689.1	40°	2662.8	2647.1	2662.8	2689.1	2715.8	2754.9	2794.4	2823.5	2852.5	2849.0
2526.5	42.5°	2487.8	2462.5	2487.8	2526.5	2565.2	2614.2	2663.1	2687.5	2712.1	2693.6
2376.6	45°	2331.1	2301.9	2331.1	2376.6	2422.0	2477.9	2533.9	2555.9	2578.0	2551.5
2290.1	47.5°	2248.2	2220.1	2248.2	2290.1	2332.1	2381.9	2431.6	2447.0	2462.5	2432.0
2252.2	50°	2213.3	2186.4	2213.3	2252.2	2291.0	2330.8	2370.6	2371.3	2372.2	2333.1
2229.9	52.5°	2195.2	2170.3	2195.2	2229.9	2264.7	2297.1	2329.5	2321.2	2312.8	2266.5
2204.0	55°	2173.5	2151.0	2173.5	2204.0	2234.5	2262.8	2291.0	2279.5	2267.9	2218.6
2162.9	57.5°	2132.6	2109.3	2132.6	2162.9	2193.1	2221.7	2250.2	2238.5	2226.8	2177.4
2106.7	60°	2075.6	2051.5	2075.6	2106.7	2137.9	2165.6	2193.6	2180.7	2167.9	2118.1
2020.0	62.5°	1987.3	1958.4	1987.3	2020.0	2052.8	2078.0	2103.2	2090.8	2078.5	2032.9
1900.9	65°	1869.3	1844.4	1869.3	1900.9	1932.7	1957.0	1981.2	1968.7	1956.0	1915.9
1768.0	67.5°	1738.5	1716.0	1738.5	1768.0	1797.6	1819.7	1842.0	1829.8	1817.5	1782.8
1628.7	70°	1600.4	1574.8	1600.4	1628.7	1656.9	1675.1	1693.2	1681.3	1669.5	1638.2
1472.3	72.5°	1445.5	1420.6	1445.5	1472.3	1499.3	1514.4	1529.5	1515.4	1501.2	1470.6
1296.9	75°	1274.2	1250.5	1274.2	1296.9	1319.5	1326.9	1334.3	1319.5	1304.7	1276.8
1101.2	77.5°	1078.4	1059.5	1078.4	1101.2	1124.0	1134.6	1144.9	1131.1	1117.3	1088.0
891.6	80°	860.7	825.1	860.7	891.6	922.2	926.6	931.0	912.7	894.4	872.3
665.2	82.5°	639.2	616.4	639.2	665.2	691.1	693.1	695.1	663.9	632.8	585.3
414.8	85°	394.6	374.0	394.6	414.8	435.0	438.2	441.4	402.9	364.4	319.8
173.0	87.5°	162.5	152.5	162.5	173.0	183.3	187.5	191.3	175.8	160.2	141.4
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°
4183.3	0°	4183.3	4183.3	4183.3	4183.3	4183.3	4183.3	4183.3	4183.3	4183.3	4183.3
3925.6	2.5°	3949.9	3974.3	3998.5	4022.8	4050.4	4078.1	4108.8	4139.6	4177.7	4211.9
3725.0	5°	3764.2	3803.2	3846.2	3889.2	3937.8	3986.6	4044.9	4103.0	4169.6	4237.1
3603.0	7.5°	3650.7	3698.5	3752.8	3806.9	3871.1	3935.3	4012.5	4089.9	4176.1	4268.0
3580.5	10°	3634.3	3688.1	3746.5	3804.8	3869.0	3933.2	4014.7	4096.3	4188.9	4302.4
3683.3	12.5°	3738.8	3794.5	3840.1	3886.0	3928.4	3971.1	4037.5	4104.3	4190.5	4309.8
3897.6	15°	3945.9	3994.2	4006.1	4017.9	4012.2	4006.4	4038.2	4070.1	4139.1	4271.3
4125.5	17.5°	4164.3	4203.4	4166.3	4129.0	4059.0	3989.1	3977.5	3965.8	4008.3	4163.7
4267.6	20°	4285.7	4303.7	4225.8	4148.0	4026.3	3904.8	3850.2	3795.6	3806.9	3987.8
4266.0	22.5°	4255.2	4244.3	4143.0	4041.7	3902.7	3764.0	3683.3	3602.5	3580.5	3786.5
4124.7	25°	4087.6	4050.4	3950.7	3851.0	3726.1	3601.4	3508.3	3415.2	3355.8	3566.9
3879.1	27.5°	3837.5	3796.1	3716.2	3636.2	3533.8	3431.2	3341.3	3251.4	3179.2	3371.4
3620.6	30°	3586.9	3553.2	3486.8	3420.5	3335.4	3250.3	3178.7	3107.4	3050.8	3212.1
3403.9	32.5°	3366.4	3329.0	3265.2	3201.7	3133.6	3065.7	3023.5	2981.3	2956.1	3086.1
3204.9	35°	3159.9	3115.0	3051.9	2989.0	2937.3	2885.4	2873.7	2862.2	2872.6	2981.0
3022.7	37.5°	2967.1	2911.6	2848.7	2785.9	2748.8	2711.6	2724.4	2737.3	2775.5	2870.2
2845.3	40°	2781.3	2717.4	2656.7	2596.0	2569.2	2542.4	2571.5	2600.5	2659.1	2745.0
2675.2	42.5°	2606.1	2537.1	2479.5	2422.0	2400.0	2378.2	2416.7	2455.2	2529.1	2608.2
2525.1	45°	2453.5	2381.9	2327.3	2272.7	2254.1	2235.8	2273.2	2310.8	2382.2	2462.5
2401.5	47.5°	2330.8	2260.2	2206.9	2153.4	2136.3	2118.9	2150.4	2181.9	2243.3	2346.9
2293.9	50°	2230.7	2167.4	2117.2	2066.8	2039.6	2012.7	2040.4	2068.4	2139.8	2275.9
2220.1	52.5°	2161.0	2102.1	2056.0	2009.8	1969.3	1928.7	1956.2	1983.8	2083.6	2240.1
2169.5	55°	2118.0	2066.3	2016.5	1966.8	1909.3	1851.7	1895.2	1938.8	2089.2	2234.8
2127.8	57.5°	2076.6	2025.5	1967.1	1908.6	1846.7	1784.7	1848.3	1911.9	2094.9	2223.3
2068.4	60°	2016.4	1964.5	1897.4	1830.3	1776.1	1721.6	1804.1	1886.5	2077.2	2162.0
1987.3	62.5°	1931.9	1876.5	1798.2	1720.0	1685.5	1651.0	1753.9	1857.0	2033.9	2044.3
1875.7	65°	1822.8	1769.8	1685.8	1602.0	1588.9	1575.6	1685.2	1794.7	1929.5	1928.2
1748.1	67.5°	1698.0	1647.8	1570.3	1492.9	1497.1	1501.2	1592.4	1683.6	1759.4	1762.9
1606.9	70°	1563.5	1520.2	1452.1	1384.0	1398.5	1412.9	1477.8	1542.6	1567.5	1567.5
1439.9	72.5°	1400.7	1361.6	1308.1	1254.5	1275.5	1296.7	1341.2	1385.7	1385.3	1369.6
1248.9	75°	1213.4	1177.9	1138.1	1098.3	1118.7	1138.9	1173.3	1207.5	1213.6	1141.0
1058.7	77.5°	1028.2	997.7	965.4	933.0	953.5	974.1	1001.5	1029.0	1032.2	912.6
850.0	80°	824.3	798.6	771.8	744.8	762.2	779.3	802.5	825.4	825.9	683.0
537.8	82.5°	546.7	555.7	558.0	560.2	572.4	584.6	595.9	607.1	600.4	478.4
275.3	85°	300.2	325.1	336.8	348.3	362.0	375.6	387.7	399.7	390.9	300.2
122.8	87.5°	141.9	160.8	161.3	161.8	164.4	166.9	171.8	176.6	165.3	127.6
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°
4183.3	0°	4183.3	4183.3	4183.3	4183.3	4183.3	4183.3	4183.3
4247.2	2.5°	4282.5	4319.4	4356.3	4392.9	4429.7	4464.2	4498.7
4308.5	5°	4379.9	4456.3	4532.9	4608.8	4684.9	4761.2	4837.4
4367.7	7.5°	4467.4	4580.6	4693.8	4810.0	4926.2	5051.9	5177.7
4420.5	10°	4538.4	4675.9	4813.3	4966.8	5120.4	5279.5	5438.6
4443.2	12.5°	4576.6	4738.7	4900.8	5074.8	5248.9	5423.5	5598.3
4425.7	15°	4580.1	4766.8	4953.5	5142.3	5331.0	5513.2	5695.4
4349.4	17.5°	4535.2	4751.9	4968.6	5174.5	5380.5	5565.2	5750.0
4218.0	20°	4448.2	4710.8	4973.4	5199.7	5426.1	5618.2	5810.2
4063.7	22.5°	4340.9	4660.4	4979.8	5233.8	5487.6	5683.9	5880.0
3891.5	25°	4216.2	4610.6	5005.2	5295.4	5585.5	5777.6	5969.9
3734.0	27.5°	4096.6	4577.4	5058.1	5391.7	5725.1	5908.6	6091.9
3602.3	30°	3992.6	4561.8	5130.7	5516.4	5902.2	6079.3	6256.5
3488.9	32.5°	3891.5	4542.5	5193.3	5646.6	6100.0	6275.3	6450.7
3377.3	35°	3773.6	4506.3	5239.2	5795.0	6350.7	6518.8	6686.7
3246.0	37.5°	3621.8	4444.1	5266.5	5961.1	6655.7	6869.8	7084.0
3089.3	40°	3433.6	4358.6	5283.7	6172.0	7060.2	7372.3	7684.3
2916.4	42.5°	3224.6	4270.3	5316.3	6448.0	7579.7	8030.1	8480.5
2732.8	45°	3003.1	4188.3	5373.6	6811.1	8248.6	8856.2	9463.8
2587.5	47.5°	2828.1	4120.5	5412.9	7198.0	8983.0	9838.3	10693.4
2491.0	50°	2706.1	4046.7	5387.2	7556.9	9726.5	11015.9	12305.1
2427.5	52.5°	2615.0	3922.0	5229.1	7790.0	10350.7	12252.9	14155.1
2381.4	55°	2528.0	3715.2	4902.4	7738.6	10574.6	13349.6	16124.8
2326.8	57.5°	2430.4	3423.7	4416.9	7377.1	10337.5	14126.9	17916.2
2243.3	60°	2324.7	3045.2	3765.6	6704.3	9643.1	14321.1	18999.0
2098.2	62.5°	2152.3	2592.2	3032.0	5794.6	8557.3	13503.2	18449.2
1953.8	65°	1979.3	2184.6	2389.9	4866.5	7343.2	12346.0	17348.8
1748.8	67.5°	1734.5	1792.9	1851.2	3957.3	6063.4	10968.8	15874.3
1501.6	70°	1435.4	1418.9	1402.2	3115.8	4829.4	9466.2	14102.9
1276.0	72.5°	1182.3	1131.9	1081.6	2382.0	3682.4	7837.2	11992.0
1036.0	75°	931.0	885.5	839.9	1728.9	2617.8	5969.8	9321.7
810.7	77.5°	708.7	677.6	646.6	1171.5	1696.4	4178.3	6660.2
596.8	80°	510.5	497.6	484.8	754.8	1025.0	2692.0	4359.1
414.8	82.5°	351.2	348.7	346.4	464.2	582.4	1558.1	2533.9
253.6	85°	207.1	208.4	209.5	248.2	287.0	700.9	1114.8
108.5	87.5°	89.6	90.7	91.8	102.9	114.0	229.6	345.1
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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