

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: P953114

Luminaire Tested: **GALN-SB6D-735-U-SLL**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P953114
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-8)
Test Lab: INNOVATION CENTER
Issue Date: 1/21/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GALN-SB6D-735-U-SLL
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(6) 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: 61487 lumens
Efficiency: N/A
Efficacy: 139.7 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B4 - U0 - G5

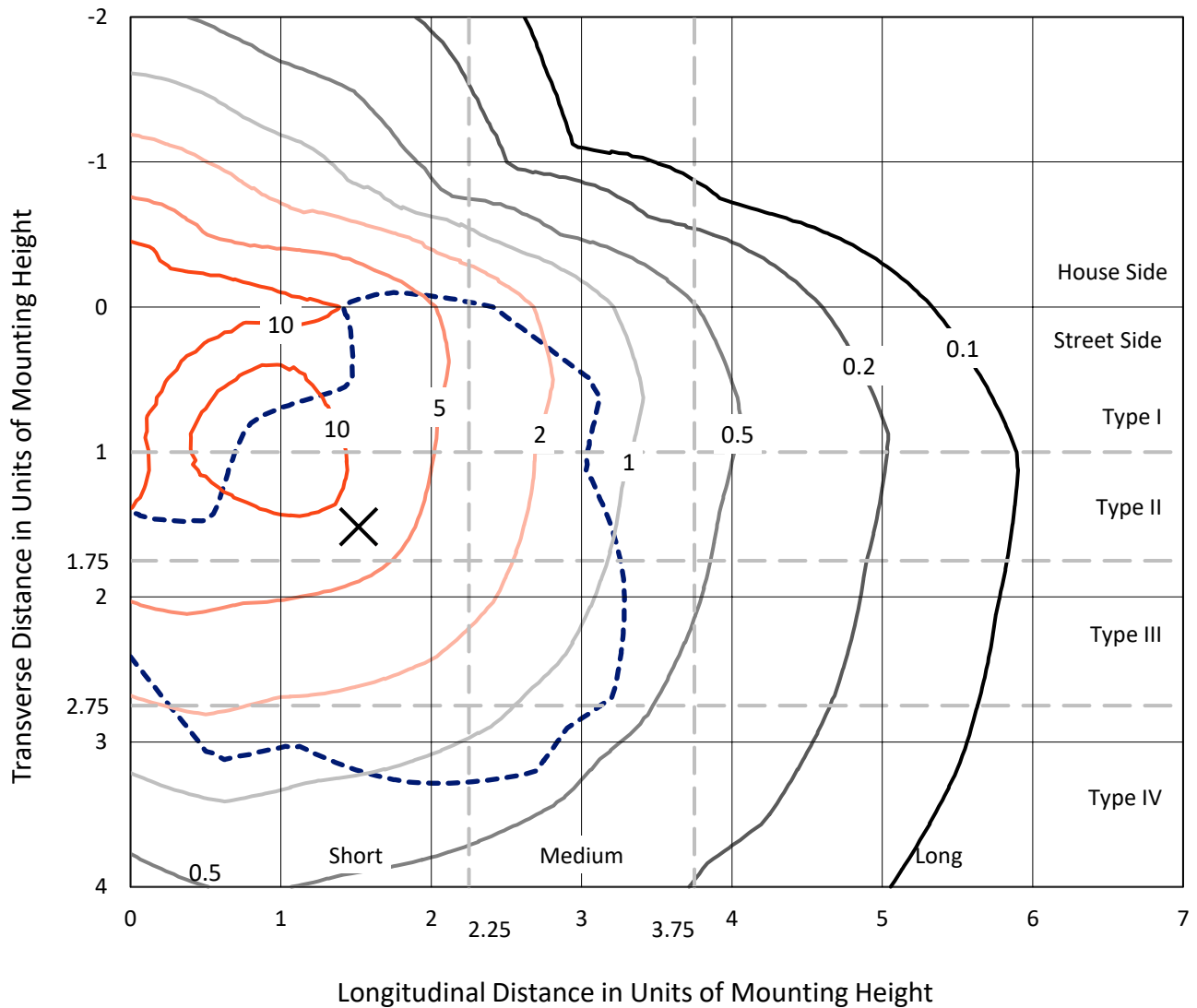
Input Watts (W): 440.1
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

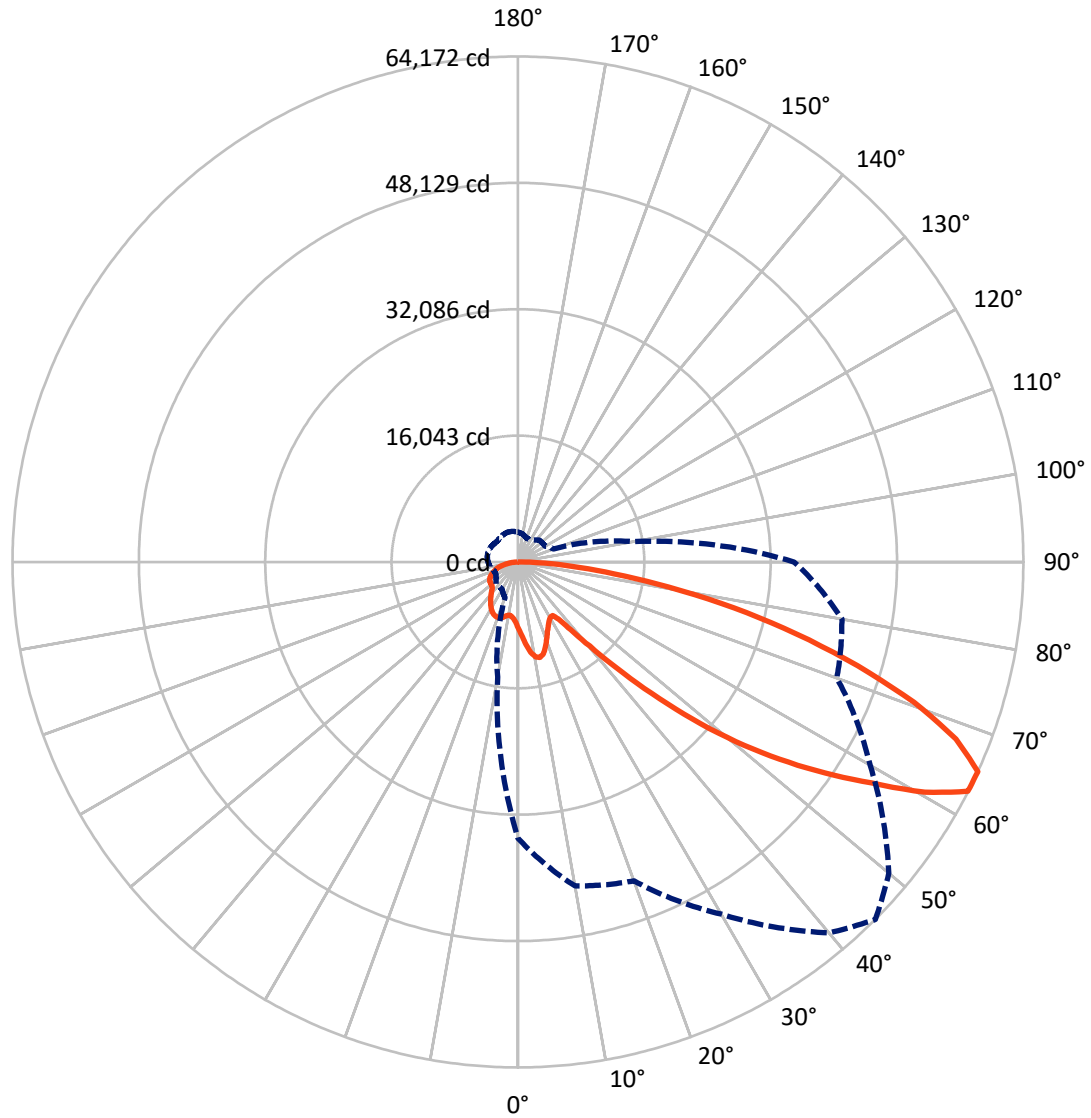
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 18.7 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	15626.9	0.0	15626.9
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	45860.1	0.0	45860.1
	% Fixture	74.6	0.0	74.6
Total	Lumens	61487.0	0.0	61487.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	838.7	1.4
10°-20°	2632.9	4.3
20°-30°	4067.0	6.6
30°-40°	5153.9	8.4
40°-50°	7773.4	12.6
50°-60°	12559.0	20.4
60°-70°	15656.8	25.5
70°-80°	10267.0	16.7
80°-90°	2538.2	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°	61487.0	100.0
0°-180°	61487.0	100.0



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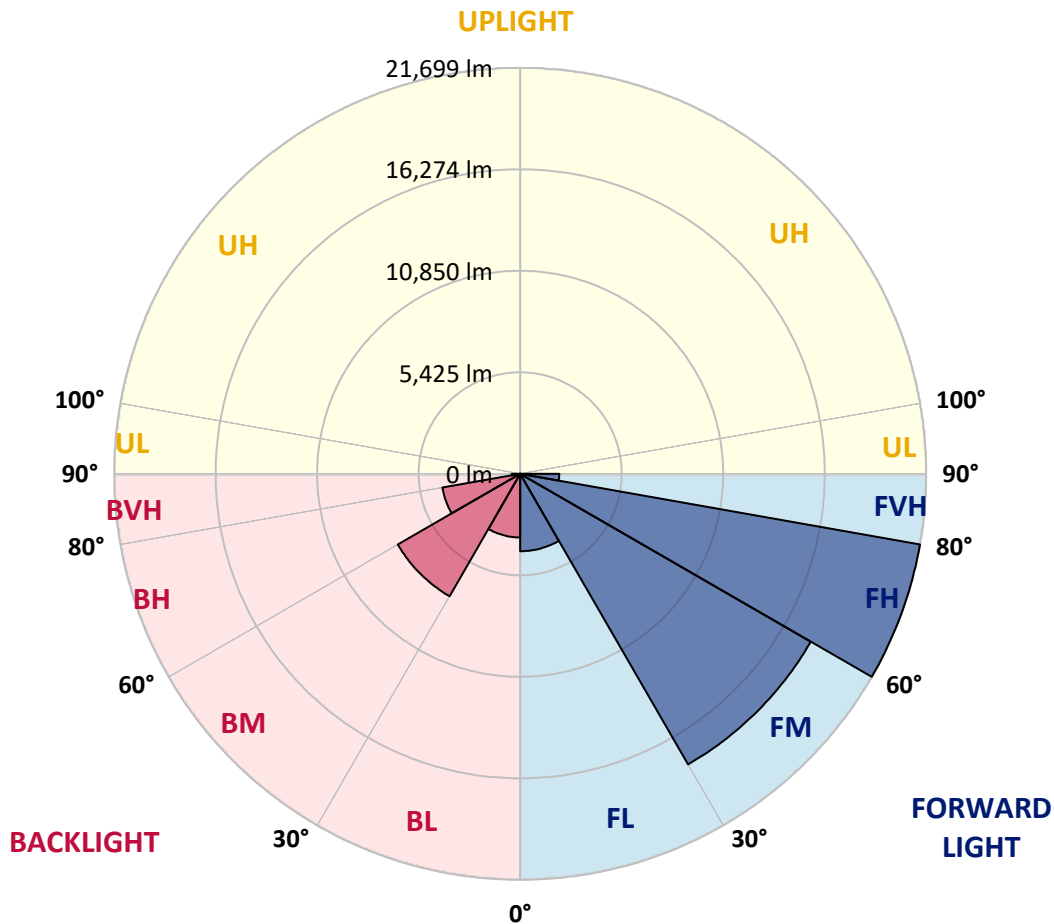
CATALOG NUMBER: GALN-SB6D-735-U-SLL

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	4135.7	6.7			
FM (30°-60°)	17934.4	29.2			
FH (60°-80°)	21699.0	35.3			G5
FVH (80°-90°)	2091.0	3.4			G5
BL (0°-30°)	3402.9	5.5	B4/5000		
BM (30°-60°)	7551.9	12.3	B4/8500		
BH (60°-80°)	4224.8	6.9	B4/5000		G4/5000
BVH (80°-90°)	447.3	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°	8455.0	8455.0	8455.0	8455.0	8455.0	8455.0	8455.0	8455.0	8455.0	8455.0
2.5°	9092.5	9126.9	9161.6	9210.6	9259.6	9288.8	9318.0	9332.6	9347.2	9340.7
5°	9777.1	9897.5	10018.2	10137.6	10257.3	10322.2	10387.1	10426.3	10465.9	10495.7
7.5°	10464.9	10660.9	10856.5	11032.7	11208.9	11315.0	11421.1	11478.5	11535.6	11563.2
10°	10992.1	11223.8	11455.4	11662.1	11868.8	11994.0	12118.6	12174.4	12229.9	12251.0
12.5°	11315.0	11566.1	11816.9	12003.8	12190.0	12280.8	12371.7	12402.2	12432.7	12435.9
15°	11511.2	11728.0	11944.4	12061.5	12179.0	12182.2	12185.4	12153.0	12120.6	12082.3
17.5°	11621.6	11767.9	11914.2	11916.5	11918.4	11787.0	11655.6	11535.3	11414.6	11329.6
20°	11743.2	11794.2	11845.4	11691.3	11537.2	11247.2	10957.1	10745.9	10534.7	10404.9
22.5°	11884.4	11817.5	11750.7	11431.4	11112.2	10685.5	10258.9	9994.8	9730.7	9587.3
25°	12066.0	11855.2	11644.3	11159.6	10674.8	10156.7	9638.6	9360.8	9083.8	8948.1
27.5°	12312.6	11935.6	11558.3	10916.2	10274.5	9700.2	9125.9	8852.8	8579.9	8451.7
30°	12645.2	12082.9	11521.0	10730.6	9940.3	9342.0	8743.7	8490.4	8237.0	8117.6
32.5°	13037.8	12267.8	11498.3	10604.1	9709.9	9147.7	8585.4	8386.5	8187.3	8101.3
35°	13514.7	12572.5	11630.6	10698.8	9767.4	9376.7	8986.4	8940.0	8893.6	8886.5
37.5°	14317.7	13209.4	12101.1	11254.3	10407.5	10382.2	10356.9	10569.1	10781.3	10891.6
40°	15531.1	14325.8	13120.5	12490.7	11861.0	12305.5	12750.0	13265.8	13781.7	14038.7
42.5°	17140.3	15944.4	14748.5	14385.8	14023.1	14992.5	15962.0	16900.3	17838.5	18389.4
45°	19127.6	18053.3	16978.8	16818.8	16658.5	18211.7	19765.1	21306.8	22848.9	23784.9
47.5°	21612.8	20567.8	19522.4	19490.0	19457.5	21698.1	23938.1	26195.2	28452.1	29777.4
50°	24870.2	23579.2	22288.6	22294.1	22299.6	25187.2	28074.7	31054.1	34033.5	35834.8
52.5°	28609.4	27046.2	25483.4	25325.4	25167.1	28616.2	32065.4	35751.7	39437.7	41596.9
55°	32590.3	31046.0	29501.6	28885.5	28269.4	32108.2	35946.7	40341.3	44735.9	47303.8
57.5°	36211.1	35370.2	34528.9	33293.1	32057.6	35933.7	39809.8	44787.4	49764.7	52949.1
60°	38399.5	39705.7	41012.2	39477.6	37943.0	41611.1	45279.3	50608.6	55937.9	59379.6
62.5°	37288.3	40857.5	44426.7	44253.7	44080.5	47440.7	50801.3	55871.7	60941.8	64123.0
65°	35064.2	38414.1	41764.0	42426.8	43089.3	47359.6	51630.3	56546.9	61463.2	64171.6
67.5°	32084.2	35270.2	38456.3	38767.1	39077.6	43527.0	47976.1	52913.8	57851.5	59973.3
70°	28504.0	31969.3	35435.0	35573.9	35713.1	39692.1	43670.7	47919.9	52168.9	53348.2
72.5°	24237.5	28214.2	32191.3	32291.2	32390.8	35503.8	38616.9	41799.3	44981.5	45100.9
75°	18840.4	22956.3	27072.2	27441.7	27811.3	30233.2	32655.2	34895.5	37135.8	36535.6
77.5°	13461.2	17303.2	21145.6	21674.4	22203.3	24044.5	25885.7	27474.5	29063.6	28031.9
80°	8810.3	12042.7	15274.8	15932.1	16589.4	17980.0	19369.9	20204.4	21038.5	19379.0
82.5°	5121.3	7331.1	9541.2	10275.4	11010.0	11967.1	12924.2	13272.3	13620.1	12315.9
85°	2253.3	3426.1	4599.0	5223.5	5848.1	6634.5	7420.7	7618.3	7815.8	6771.1
87.5°	697.6	1091.8	1486.0	1834.4	2182.9	2576.1	2969.3	2986.2	3002.7	2520.9
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°
8455.0	0°	8455.0	8455.0	8455.0	8455.0	8455.0	8455.0	8455.0	8455.0	8455.0	8455.0
9347.2	2.5°	9332.6	9318.0	9288.8	9259.6	9210.6	9161.6	9126.9	9092.5	9022.8	8953.0
10465.9	5°	10426.3	10387.1	10322.2	10257.3	10137.6	10018.2	9897.5	9777.1	9623.0	9468.9
11535.6	7.5°	11478.5	11421.1	11315.0	11208.9	11032.7	10856.5	10660.9	10464.9	10210.6	9956.5
12229.9	10°	12174.4	12118.6	11994.0	11868.8	11662.1	11455.4	11223.8	10992.1	10670.6	10349.1
12432.7	12.5°	12402.2	12371.7	12280.8	12190.0	12003.8	11816.9	11566.1	11315.0	10961.6	10608.6
12120.6	15°	12153.0	12185.4	12182.2	12179.0	12061.5	11944.4	11728.0	11511.2	11143.0	10774.8
11414.6	17.5°	11535.3	11655.6	11787.0	11918.4	11916.5	11914.2	11767.9	11621.6	11248.1	10874.7
10534.7	20°	10745.9	10957.1	11247.2	11537.2	11691.3	11845.4	11794.2	11743.2	11355.2	10966.8
9730.7	22.5°	9994.8	10258.9	10685.5	11112.2	11431.4	11750.7	11817.5	11884.4	11487.9	11091.1
9083.8	25°	9360.8	9638.6	10156.7	10674.8	11159.6	11644.3	11855.2	12066.0	11677.4	11289.0
8579.9	27.5°	8852.8	9125.9	9700.2	10274.5	10916.2	11558.3	11935.6	12312.6	11942.1	11571.3
8237.0	30°	8490.4	8743.7	9342.0	9940.3	10730.6	11521.0	12082.9	12645.2	12287.0	11929.1
8187.3	32.5°	8386.5	8585.4	9147.7	9709.9	10604.1	11498.3	12267.8	13037.8	12683.1	12328.8
8893.6	35°	8940.0	8986.4	9376.7	9767.4	10698.8	11630.6	12572.5	13514.7	13175.3	12835.6
10781.3	37.5°	10569.1	10356.9	10382.2	10407.5	11254.3	12101.1	13209.4	14317.7	13884.9	13452.1
13781.7	40°	13265.8	12750.0	12305.5	11861.0	12490.7	13120.5	14325.8	15531.1	14900.4	14269.7
17838.5	42.5°	16900.3	15962.0	14992.5	14023.1	14385.8	14748.5	15944.4	17140.3	16230.0	15319.6
22848.9	45°	21306.8	19765.1	18211.7	16658.5	16818.8	16978.8	18053.3	19127.6	17899.5	16671.5
28452.1	47.5°	26195.2	23938.1	21698.1	19457.5	19490.0	19522.4	20567.8	21612.8	19884.5	18155.8
34033.5	50°	31054.1	28074.7	25187.2	22299.6	22294.1	22288.6	23579.2	24870.2	22264.6	19658.7
39437.7	52.5°	35751.7	32065.4	28616.2	25167.1	25325.4	25483.4	27046.2	28609.4	24764.8	20920.1
44735.9	55°	40341.3	35946.7	32108.2	28269.4	28885.5	29501.6	31046.0	32590.3	26981.4	21372.7
49764.7	57.5°	44787.4	39809.8	35933.7	32057.6	33293.1	34528.9	35370.2	36211.1	28552.3	20893.5
55937.9	60°	50608.6	45279.3	41611.1	37943.0	39477.6	41012.2	39705.7	38399.5	28944.9	19490.0
60941.8	62.5°	55871.7	50801.3	47440.7	44080.5	44253.7	44426.7	40857.5	37288.3	27291.8	17295.4
61463.2	65°	56546.9	51630.3	47359.6	43089.3	42426.8	41764.0	38414.1	35064.2	24952.9	14841.7
57851.5	67.5°	52913.8	47976.1	43527.0	39077.6	38767.1	38456.3	35270.2	32084.2	22169.5	12254.9
52168.9	70°	47919.9	43670.7	39692.1	35713.1	35573.9	35435.0	31969.3	28504.0	19132.4	9760.9
44981.5	72.5°	41799.3	38616.9	35503.8	32390.8	32291.2	32191.3	28214.2	24237.5	15840.0	7442.7
37135.8	75°	34895.5	32655.2	30233.2	27811.3	27441.7	27072.2	22956.3	18840.4	12065.7	5291.0
29063.6	77.5°	27474.5	25885.7	24044.5	22203.3	21674.4	21145.6	17303.2	13461.2	8444.9	3428.7
21038.5	80°	20204.4	19369.9	17980.0	16589.4	15932.1	15274.8	12042.7	8810.3	5440.9	2071.6
13620.1	82.5°	13272.3	12924.2	11967.1	11010.0	10275.4	9541.2	7331.1	5121.3	3149.0	1177.1
7815.8	85°	7618.3	7420.7	6634.5	5848.1	5223.5	4599.0	3426.1	2253.3	1416.5	580.1
3002.7	87.5°	2986.2	2969.3	2576.1	2182.9	1834.4	1486.0	1091.8	697.6	464.0	230.4
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):

105°		110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
8455.0	0°	8455.0	8455.0	8455.0	8455.0	8455.0	8455.0	8455.0	8455.0	8455.0	8455.0
8878.7	2.5°	8804.7	8730.1	8655.5	8584.1	8512.7	8443.6	8366.7	8304.5	8242.5	8186.4
9315.1	5°	9161.6	9006.9	8852.4	8708.1	8563.7	8427.4	8292.8	8175.3	8057.5	7958.9
9721.6	7.5°	9486.7	9258.0	9029.3	8827.8	8626.3	8440.4	8266.2	8109.8	7953.7	7823.9
10038.6	10°	9728.4	9450.7	9172.7	8934.5	8695.7	8466.3	8279.1	8114.3	7949.5	7819.7
10257.0	12.5°	9905.3	9577.6	9249.9	8980.3	8710.7	8469.6	8295.4	8160.4	8026.1	7939.8
10393.2	15°	10011.7	9634.3	9257.0	8944.9	8632.8	8365.8	8226.3	8161.7	8097.5	8109.1
10458.4	17.5°	10042.2	9604.2	9166.2	8790.8	8415.4	8101.3	8015.4	8039.1	8062.4	8203.9
10509.4	20°	10051.9	9521.1	8990.3	8525.1	8059.8	7694.2	7671.5	7781.8	7892.1	8137.7
10578.1	22.5°	10064.9	9419.2	8773.6	8213.3	7653.0	7236.7	7281.2	7444.4	7607.5	7887.9
10702.7	25°	10116.1	9318.7	8521.5	7865.2	7209.1	6782.5	6902.5	7090.7	7278.9	7531.0
10897.4	27.5°	10223.2	9251.5	8279.8	7546.9	6814.0	6425.6	6571.6	6753.3	6935.0	7142.3
11149.5	30°	10369.9	9220.0	8069.6	7280.8	6492.1	6166.0	6280.6	6424.6	6569.3	6741.3
11412.6	32.5°	10496.4	9181.1	7865.2	7051.5	6237.4	5974.6	6025.6	6110.9	6196.2	6333.5
11712.4	35°	10589.2	9107.8	7627.0	6826.0	6024.9	5805.9	5784.8	5808.2	5831.9	5936.7
12048.2	37.5°	10644.3	8982.2	7320.1	6560.6	5801.0	5609.6	5532.4	5506.5	5480.5	5555.8
12474.5	40°	10679.1	8809.3	6939.8	6243.9	5548.0	5374.4	5256.0	5197.3	5138.5	5192.7
13032.2	42.5°	10744.9	8630.8	6517.4	5894.5	5271.6	5111.6	4962.4	4884.5	4806.6	4850.8
13766.1	45°	10860.7	8465.0	6069.7	5523.3	4977.0	4814.7	4670.4	4594.4	4518.8	4555.8
14548.0	47.5°	10940.2	8328.1	5716.0	5229.7	4743.4	4534.1	4409.8	4346.2	4282.7	4317.7
15273.5	50°	10888.3	8178.9	5469.5	5034.7	4600.0	4324.8	4180.5	4124.0	4067.9	4122.4
15744.6	52.5°	10568.7	7926.8	5285.2	4906.2	4527.6	4211.3	4009.5	3953.7	3898.2	3980.3
15640.8	55°	9908.5	7508.9	5109.3	4813.1	4516.9	4222.6	3918.6	3830.4	3742.5	3858.9
14910.1	57.5°	8927.1	6919.7	4912.1	4702.8	4493.5	4234.0	3864.1	3735.6	3607.2	3732.4
13550.4	60°	7610.8	6154.7	4698.6	4534.1	4369.6	4198.3	3812.9	3646.4	3479.7	3589.6
11711.8	62.5°	6128.1	5239.1	4350.1	4240.8	4131.8	4110.7	3753.2	3544.9	3336.9	3406.7
9835.8	65°	4830.3	4415.3	4000.4	3948.8	3897.2	3899.8	3627.3	3406.0	3184.4	3211.3
7998.2	67.5°	3741.5	3623.7	3505.6	3534.5	3563.0	3555.9	3402.8	3218.5	3034.2	3025.8
6297.4	70°	2834.0	2867.8	2901.2	3034.8	3168.2	3168.2	3117.9	2986.8	2855.7	2826.5
4814.4	72.5°	2186.1	2287.6	2389.5	2579.0	2768.2	2799.9	2800.6	2710.7	2620.9	2578.0
3494.3	75°	1697.5	1789.6	1881.8	2094.0	2306.1	2452.8	2440.5	2371.4	2301.9	2261.0
2367.8	77.5°	1306.9	1369.5	1432.4	1638.4	1844.5	2086.2	2079.7	2024.2	1968.7	1927.2
1525.5	80°	979.8	1005.8	1031.7	1206.3	1380.5	1669.3	1668.3	1621.9	1575.2	1540.5
938.3	82.5°	700.1	704.7	709.9	838.4	966.8	1213.4	1227.0	1204.3	1181.6	1157.0
501.6	85°	423.4	421.1	418.5	512.6	606.7	790.0	807.9	783.5	759.2	731.6
208.0	87.5°	185.6	183.3	181.0	219.3	257.9	334.2	356.9	347.2	337.4	332.2
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°
8455.0	0°	8455.0	8455.0	8455.0	8455.0	8455.0	8455.0	8455.0	8455.0	8455.0	8455.0
8130.5	2.5°	8081.6	8032.6	7983.3	7934.3	7896.3	7858.0	7827.2	7796.4	7772.4	7748.4
7860.6	5°	7773.7	7686.7	7607.9	7528.7	7468.0	7407.0	7364.5	7322.0	7291.9	7261.7
7694.2	7.5°	7584.8	7475.2	7378.5	7282.1	7209.8	7137.8	7087.1	7036.5	7001.8	6967.4
7690.0	10°	7572.2	7454.1	7345.4	7236.7	7150.4	7063.8	7007.3	6950.2	6917.5	6884.7
7854.1	12.5°	7761.3	7669.2	7556.6	7444.4	7334.0	7223.7	7150.7	7077.7	7041.1	7004.7
8120.8	15°	8096.8	8072.8	7975.1	7877.5	7720.5	7563.4	7452.5	7341.5	7290.6	7240.0
8345.3	17.5°	8420.6	8495.5	8416.7	8338.2	8130.2	7922.3	7758.7	7595.2	7519.9	7444.4
8383.6	20°	8541.0	8698.3	8662.0	8625.3	8387.5	8150.0	7949.5	7749.3	7653.0	7556.3
8168.8	22.5°	8373.6	8578.3	8600.3	8622.1	8395.0	8167.9	7961.5	7754.8	7653.3	7551.4
7783.4	25°	7984.9	8186.4	8261.6	8336.6	8150.3	7964.4	7780.8	7597.8	7509.6	7421.6
7349.3	27.5°	7510.9	7672.4	7756.1	7840.2	7707.5	7575.1	7432.7	7290.2	7231.2	7171.8
6913.2	30°	7047.2	7181.6	7249.7	7317.8	7216.9	7115.7	7013.8	6911.3	6881.1	6850.6
6471.0	32.5°	6599.5	6728.3	6803.9	6879.8	6787.0	6693.9	6612.5	6531.0	6511.3	6491.5
6041.1	35°	6168.3	6295.8	6386.7	6477.5	6411.3	6345.5	6270.2	6195.2	6165.1	6135.2
5630.7	37.5°	5757.6	5884.8	5997.0	6109.3	6078.8	6048.3	5979.2	5909.7	5854.9	5800.4
5246.9	40°	5369.5	5492.2	5621.3	5750.8	5758.2	5765.4	5706.6	5647.9	5568.1	5488.9
4895.2	42.5°	5011.4	5127.8	5267.3	5406.8	5444.2	5481.5	5431.8	5382.5	5283.6	5184.6
4593.5	45°	4703.8	4814.1	4958.8	5103.5	5157.0	5210.6	5165.8	5121.3	5008.1	4895.2
4352.4	47.5°	4460.4	4568.2	4710.9	4853.7	4915.3	4977.0	4945.8	4914.7	4814.1	4713.5
4177.2	50°	4279.1	4380.6	4508.5	4636.3	4715.5	4794.6	4792.7	4791.4	4710.9	4630.5
4062.0	52.5°	4155.5	4248.6	4367.7	4487.1	4580.8	4674.6	4691.4	4708.3	4642.8	4577.2
3975.1	55°	4075.7	4176.2	4280.7	4384.9	4484.1	4583.7	4607.1	4630.5	4573.4	4516.3
3857.6	57.5°	3975.7	4093.8	4197.0	4300.5	4400.7	4500.7	4524.4	4548.0	4490.3	4432.5
3699.3	60°	3834.9	3970.5	4075.3	4180.5	4281.0	4381.6	4407.6	4433.5	4377.1	4320.9
3476.4	62.5°	3634.4	3792.7	3904.7	4016.6	4108.7	4200.9	4225.9	4250.9	4199.9	4149.0
3237.9	65°	3407.3	3577.0	3684.1	3791.1	3872.2	3953.3	3979.0	4004.3	3955.3	3906.3
3017.3	67.5°	3173.7	3330.4	3432.0	3533.2	3603.3	3673.3	3698.3	3723.0	3677.9	3633.1
2797.4	70°	2934.9	3072.5	3160.1	3247.7	3310.9	3374.2	3398.2	3422.2	3385.6	3348.9
2535.5	72.5°	2643.9	2751.9	2831.1	2910.3	2972.2	3034.2	3062.7	3091.3	3060.8	3030.3
2219.8	75°	2300.3	2380.8	2452.5	2524.2	2580.6	2637.1	2666.9	2696.8	2681.8	2666.9
1885.7	77.5°	1951.2	2016.4	2078.1	2139.7	2199.1	2258.1	2286.0	2313.9	2293.2	2271.8
1505.4	80°	1559.9	1614.1	1666.0	1717.9	1763.0	1807.8	1844.8	1881.8	1872.7	1863.9
1132.3	82.5°	1127.8	1123.2	1105.1	1086.9	1182.9	1279.0	1341.9	1404.8	1400.9	1396.7
704.0	85°	680.7	657.0	606.7	556.4	646.3	736.5	814.4	892.2	885.7	879.2
327.0	87.5°	326.1	325.1	286.8	248.2	285.8	323.8	355.3	386.7	378.9	370.5
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):

215°		220°	225°	230°	235°	240°	245°	250°	255°	260°	265°
8455.0	0°	8455.0	8455.0	8455.0	8455.0	8455.0	8455.0	8455.0	8455.0	8455.0	8455.0
7726.3	2.5°	7703.9	7676.3	7703.9	7726.3	7748.4	7772.4	7796.4	7827.2	7858.0	7896.3
7238.7	5°	7215.6	7192.9	7215.6	7238.7	7261.7	7291.9	7322.0	7364.5	7407.0	7468.0
6946.7	7.5°	6926.2	6910.6	6926.2	6946.7	6967.4	7001.8	7036.5	7087.1	7137.8	7209.8
6867.2	10°	6849.6	6842.5	6849.6	6867.2	6884.7	6917.5	6950.2	7007.3	7063.8	7150.4
6989.8	12.5°	6974.9	6972.3	6974.9	6989.8	7004.7	7041.1	7077.7	7150.7	7223.7	7334.0
7220.5	15°	7201.0	7199.4	7201.0	7220.5	7240.0	7290.6	7341.5	7452.5	7563.4	7720.5
7419.7	17.5°	7394.7	7390.8	7394.7	7419.7	7444.4	7519.9	7595.2	7758.7	7922.3	8130.2
7525.5	20°	7494.6	7484.9	7494.6	7525.5	7556.3	7653.0	7749.3	7949.5	8150.0	8387.5
7517.4	22.5°	7483.3	7468.7	7483.3	7517.4	7551.4	7653.3	7754.8	7961.5	8167.9	8395.0
7389.5	25°	7357.7	7338.9	7357.7	7389.5	7421.6	7509.6	7597.8	7780.8	7964.4	8150.3
7157.2	27.5°	7142.6	7137.8	7142.6	7157.2	7171.8	7231.2	7290.2	7432.7	7575.1	7707.5
6850.6	30°	6850.6	6855.5	6850.6	6850.6	6850.6	6881.1	6911.3	7013.8	7115.7	7216.9
6494.1	32.5°	6497.0	6501.8	6497.0	6494.1	6491.5	6511.3	6531.0	6612.5	6693.9	6787.0
6128.7	35°	6122.2	6119.0	6122.2	6128.7	6135.2	6165.1	6195.2	6270.2	6345.5	6411.3
5771.5	37.5°	5742.6	5726.4	5742.6	5771.5	5800.4	5854.9	5909.7	5979.2	6048.3	6078.8
5435.1	40°	5381.9	5350.1	5381.9	5435.1	5488.9	5568.1	5647.9	5706.6	5765.4	5758.2
5106.4	42.5°	5028.2	4977.0	5028.2	5106.4	5184.6	5283.6	5382.5	5431.8	5481.5	5444.2
4803.4	45°	4711.6	4652.5	4711.6	4803.4	4895.2	5008.1	5121.3	5165.8	5210.6	5157.0
4628.5	47.5°	4543.8	4487.1	4543.8	4628.5	4713.5	4814.1	4914.7	4945.8	4977.0	4915.3
4551.9	50°	4473.4	4418.9	4473.4	4551.9	4630.5	4710.9	4791.4	4792.7	4794.6	4715.5
4506.8	52.5°	4436.8	4386.5	4436.8	4506.8	4577.2	4642.8	4708.3	4691.4	4674.6	4580.8
4454.6	55°	4393.0	4347.5	4393.0	4454.6	4516.3	4573.4	4630.5	4607.1	4583.7	4484.1
4371.5	57.5°	4310.2	4263.2	4310.2	4371.5	4432.5	4490.3	4548.0	4524.4	4500.7	4400.7
4258.0	60°	4195.1	4146.4	4195.1	4258.0	4320.9	4377.1	4433.5	4407.6	4381.6	4281.0
4082.8	62.5°	4016.6	3958.2	4016.6	4082.8	4149.0	4199.9	4250.9	4225.9	4200.9	4108.7
3842.1	65°	3778.1	3727.9	3778.1	3842.1	3906.3	3955.3	4004.3	3979.0	3953.3	3872.2
3573.4	67.5°	3513.7	3468.3	3513.7	3573.4	3633.1	3677.9	3723.0	3698.3	3673.3	3603.3
3291.8	70°	3234.7	3182.8	3234.7	3291.8	3348.9	3385.6	3422.2	3398.2	3374.2	3310.9
2975.8	72.5°	2921.6	2871.3	2921.6	2975.8	3030.3	3060.8	3091.3	3062.7	3034.2	2972.2
2621.2	75°	2575.4	2527.4	2575.4	2621.2	2666.9	2681.8	2696.8	2666.9	2637.1	2580.6
2225.7	77.5°	2179.6	2141.3	2179.6	2225.7	2271.8	2293.2	2313.9	2286.0	2258.1	2199.1
1802.0	80°	1739.7	1667.6	1739.7	1802.0	1863.9	1872.7	1881.8	1844.8	1807.8	1763.0
1344.5	82.5°	1291.9	1245.9	1291.9	1344.5	1396.7	1400.9	1404.8	1341.9	1279.0	1182.9
838.4	85°	797.5	756.0	797.5	838.4	879.2	885.7	892.2	814.4	736.5	646.3
349.7	87.5°	328.3	308.2	328.3	349.7	370.5	378.9	386.7	355.3	323.8	285.8
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):

270°		275°	280°	285°	290°	295°	300°	305°	310°	315°	320°
8455.0	0°	8455.0	8455.0	8455.0	8455.0	8455.0	8455.0	8455.0	8455.0	8455.0	8455.0
7934.3	2.5°	7983.3	8032.6	8081.6	8130.5	8186.4	8242.5	8304.5	8366.7	8443.6	8512.7
7528.7	5°	7607.9	7686.7	7773.7	7860.6	7958.9	8057.5	8175.3	8292.8	8427.4	8563.7
7282.1	7.5°	7378.5	7475.2	7584.8	7694.2	7823.9	7953.7	8109.8	8266.2	8440.4	8626.3
7236.7	10°	7345.4	7454.1	7572.2	7690.0	7819.7	7949.5	8114.3	8279.1	8466.3	8695.7
7444.4	12.5°	7556.6	7669.2	7761.3	7854.1	7939.8	8026.1	8160.4	8295.4	8469.6	8710.7
7877.5	15°	7975.1	8072.8	8096.8	8120.8	8109.1	8097.5	8161.7	8226.3	8365.8	8632.8
8338.2	17.5°	8416.7	8495.5	8420.6	8345.3	8203.9	8062.4	8039.1	8015.4	8101.3	8415.4
8625.3	20°	8662.0	8698.3	8541.0	8383.6	8137.7	7892.1	7781.8	7671.5	7694.2	8059.8
8622.1	22.5°	8600.3	8578.3	8373.6	8168.8	7887.9	7607.5	7444.4	7281.2	7236.7	7653.0
8336.6	25°	8261.6	8186.4	7984.9	7783.4	7531.0	7278.9	7090.7	6902.5	6782.5	7209.1
7840.2	27.5°	7756.1	7672.4	7510.9	7349.3	7142.3	6935.0	6753.3	6571.6	6425.6	6814.0
7317.8	30°	7249.7	7181.6	7047.2	6913.2	6741.3	6569.3	6424.6	6280.6	6166.0	6492.1
6879.8	32.5°	6803.9	6728.3	6599.5	6471.0	6333.5	6196.2	6110.9	6025.6	5974.6	6237.4
6477.5	35°	6386.7	6295.8	6168.3	6041.1	5936.7	5831.9	5808.2	5784.8	5805.9	6024.9
6109.3	37.5°	5997.0	5884.8	5757.6	5630.7	5555.8	5480.5	5506.5	5532.4	5609.6	5801.0
5750.8	40°	5621.3	5492.2	5369.5	5246.9	5192.7	5138.5	5197.3	5256.0	5374.4	5548.0
5406.8	42.5°	5267.3	5127.8	5011.4	4895.2	4850.8	4806.6	4884.5	4962.4	5111.6	5271.6
5103.5	45°	4958.8	4814.1	4703.8	4593.5	4555.8	4518.8	4594.4	4670.4	4814.7	4977.0
4853.7	47.5°	4710.9	4568.2	4460.4	4352.4	4317.7	4282.7	4346.2	4409.8	4534.1	4743.4
4636.3	50°	4508.5	4380.6	4279.1	4177.2	4122.4	4067.9	4124.0	4180.5	4324.8	4600.0
4487.1	52.5°	4367.7	4248.6	4155.5	4062.0	3980.3	3898.2	3953.7	4009.5	4211.3	4527.6
4384.9	55°	4280.7	4176.2	4075.7	3975.1	3858.9	3742.5	3830.4	3918.6	4222.6	4516.9
4300.5	57.5°	4197.0	4093.8	3975.7	3857.6	3732.4	3607.2	3735.6	3864.1	4234.0	4493.5
4180.5	60°	4075.3	3970.5	3834.9	3699.3	3589.6	3479.7	3646.4	3812.9	4198.3	4369.6
4016.6	62.5°	3904.7	3792.7	3634.4	3476.4	3406.7	3336.9	3544.9	3753.2	4110.7	4131.8
3791.1	65°	3684.1	3577.0	3407.3	3237.9	3211.3	3184.4	3406.0	3627.3	3899.8	3897.2
3533.2	67.5°	3432.0	3330.4	3173.7	3017.3	3025.8	3034.2	3218.5	3402.8	3555.9	3563.0
3247.7	70°	3160.1	3072.5	2934.9	2797.4	2826.5	2855.7	2986.8	3117.9	3168.2	3168.2
2910.3	72.5°	2831.1	2751.9	2643.9	2535.5	2578.0	2620.9	2710.7	2800.6	2799.9	2768.2
2524.2	75°	2452.5	2380.8	2300.3	2219.8	2261.0	2301.9	2371.4	2440.5	2452.8	2306.1
2139.7	77.5°	2078.1	2016.4	1951.2	1885.7	1927.2	1968.7	2024.2	2079.7	2086.2	1844.5
1717.9	80°	1666.0	1614.1	1559.9	1505.4	1540.5	1575.2	1621.9	1668.3	1669.3	1380.5
1086.9	82.5°	1105.1	1123.2	1127.8	1132.3	1157.0	1181.6	1204.3	1227.0	1213.4	966.8
556.4	85°	606.7	657.0	680.7	704.0	731.6	759.2	783.5	807.9	790.0	606.7
248.2	87.5°	286.8	325.1	326.1	327.0	332.2	337.4	347.2	356.9	334.2	257.9
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°
8455.0	0°	8455.0	8455.0	8455.0	8455.0	8455.0	8455.0	8455.0
8584.1	2.5°	8655.5	8730.1	8804.7	8878.7	8953.0	9022.8	9092.5
8708.1	5°	8852.4	9006.9	9161.6	9315.1	9468.9	9623.0	9777.1
8827.8	7.5°	9029.3	9258.0	9486.7	9721.6	9956.5	10210.6	10464.9
8934.5	10°	9172.7	9450.7	9728.4	10038.6	10349.1	10670.6	10992.1
8980.3	12.5°	9249.9	9577.6	9905.3	10257.0	10608.6	10961.6	11315.0
8944.9	15°	9257.0	9634.3	10011.7	10393.2	10774.8	11143.0	11511.2
8790.8	17.5°	9166.2	9604.2	10042.2	10458.4	10874.7	11248.1	11621.6
8525.1	20°	8990.3	9521.1	10051.9	10509.4	10966.8	11355.2	11743.2
8213.3	22.5°	8773.6	9419.2	10064.9	10578.1	11091.1	11487.9	11884.4
7865.2	25°	8521.5	9318.7	10116.1	10702.7	11289.0	11677.4	12066.0
7546.9	27.5°	8279.8	9251.5	10223.2	10897.4	11571.3	11942.1	12312.6
7280.8	30°	8069.6	9220.0	10369.9	11149.5	11929.1	12287.0	12645.2
7051.5	32.5°	7865.2	9181.1	10496.4	11412.6	12328.8	12683.1	13037.8
6826.0	35°	7627.0	9107.8	10589.2	11712.4	12835.6	13175.3	13514.7
6560.6	37.5°	7320.1	8982.2	10644.3	12048.2	13452.1	13884.9	14317.7
6243.9	40°	6939.8	8809.3	10679.1	12474.5	14269.7	14900.4	15531.1
5894.5	42.5°	6517.4	8630.8	10744.9	13032.2	15319.6	16230.0	17140.3
5523.3	45°	6069.7	8465.0	10860.7	13766.1	16671.5	17899.5	19127.6
5229.7	47.5°	5716.0	8328.1	10940.2	14548.0	18155.8	19884.5	21612.8
5034.7	50°	5469.5	8178.9	10888.3	15273.5	19658.7	22264.6	24870.2
4906.2	52.5°	5285.2	7926.8	10568.7	15744.6	20920.1	24764.8	28609.4
4813.1	55°	5109.3	7508.9	9908.5	15640.8	21372.7	26981.4	32590.3
4702.8	57.5°	4912.1	6919.7	8927.1	14910.1	20893.5	28552.3	36211.1
4534.1	60°	4698.6	6154.7	7610.8	13550.4	19490.0	28944.9	38399.5
4240.8	62.5°	4350.1	5239.1	6128.1	11711.8	17295.4	27291.8	37288.3
3948.8	65°	4000.4	4415.3	4830.3	9835.8	14841.7	24952.9	35064.2
3534.5	67.5°	3505.6	3623.7	3741.5	7998.2	12254.9	22169.5	32084.2
3034.8	70°	2901.2	2867.8	2834.0	6297.4	9760.9	19132.4	28504.0
2579.0	72.5°	2389.5	2287.6	2186.1	4814.4	7442.7	15840.0	24237.5
2094.0	75°	1881.8	1789.6	1697.5	3494.3	5291.0	12065.7	18840.4
1638.4	77.5°	1432.4	1369.5	1306.9	2367.8	3428.7	8444.9	13461.2
1206.3	80°	1031.7	1005.8	979.8	1525.5	2071.6	5440.9	8810.3
838.4	82.5°	709.9	704.7	700.1	938.3	1177.1	3149.0	5121.3
512.6	85°	418.5	421.1	423.4	501.6	580.1	1416.5	2253.3
219.3	87.5°	181.0	183.3	185.6	208.0	230.4	464.0	697.6
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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