

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: P952043

Luminaire Tested: **GALN-SB6A-735-U-SLL**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P952043
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-SB6A-735-U-SLL
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(6) 70 CRI, 3500K, 350mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR LEFT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 27104 lumens
Efficiency: N/A
Efficacy: 158.6 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B3 - U0 - G5

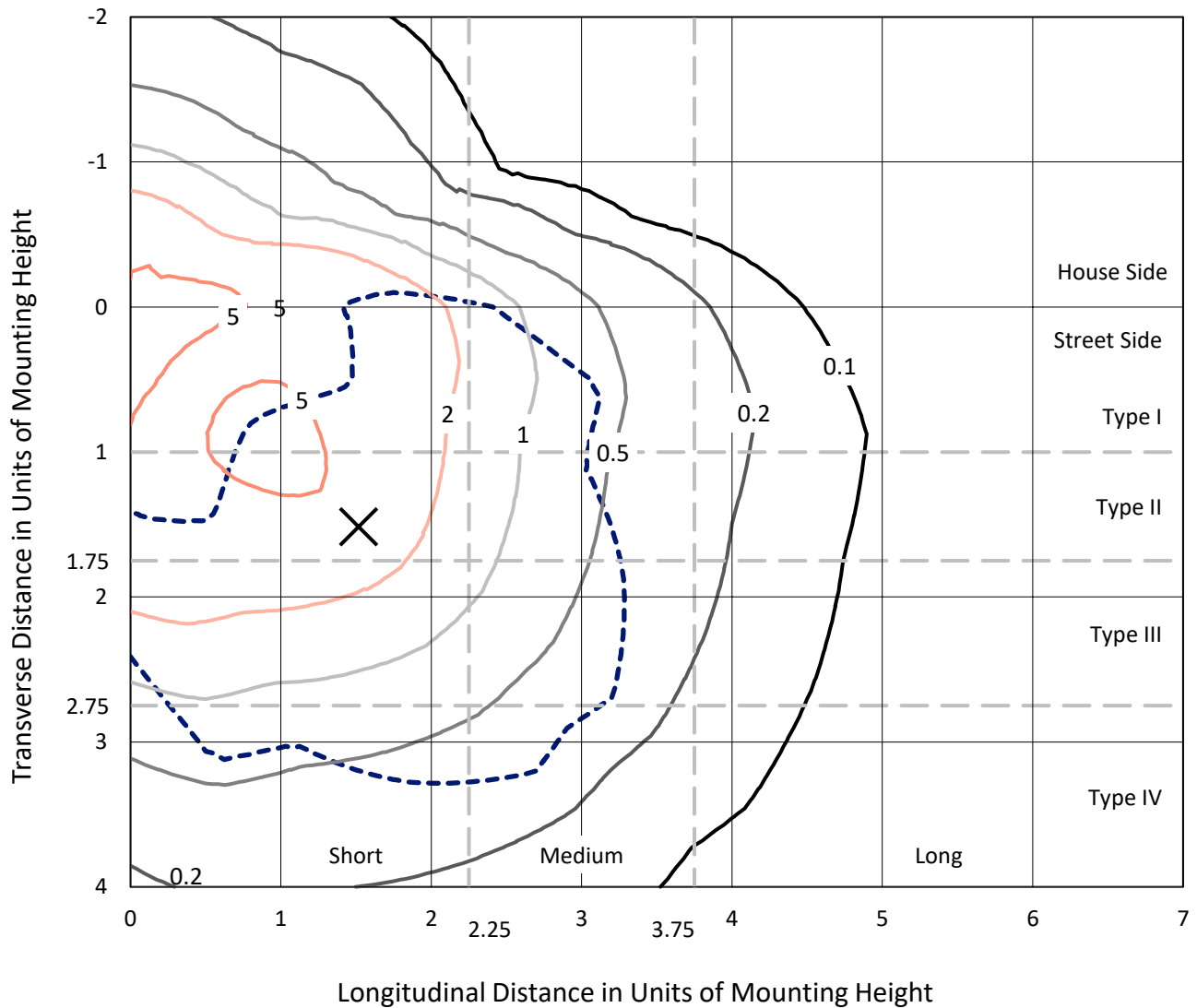
Input Watts (W): 170.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

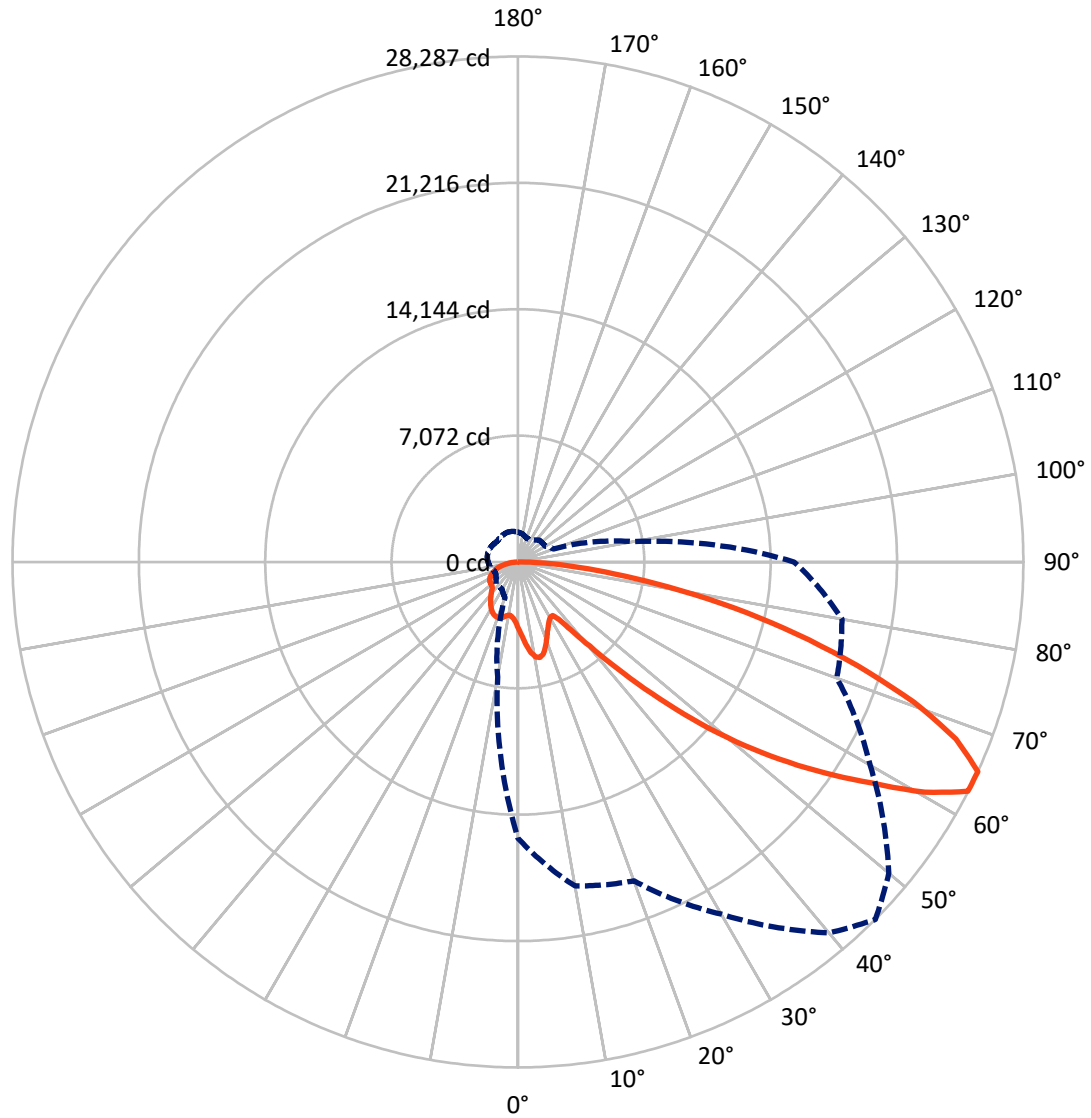
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 8.3 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

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	6888.5	0.0	6888.5
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	20215.5	0.0	20215.5
	% Fixture	74.6	0.0	74.6
Total	Lumens	27104.0	0.0	27104.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	369.7	1.4
10°-20°	1160.6	4.3
20°-30°	1792.8	6.6
30°-40°	2271.9	8.4
40°-50°	3426.6	12.6
50°-60°	5536.1	20.4
60°-70°	6901.7	25.5
70°-80°	4525.8	16.7
80°-90°	1118.9	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°	27104.0	100.0
0°-180°	27104.0	100.0



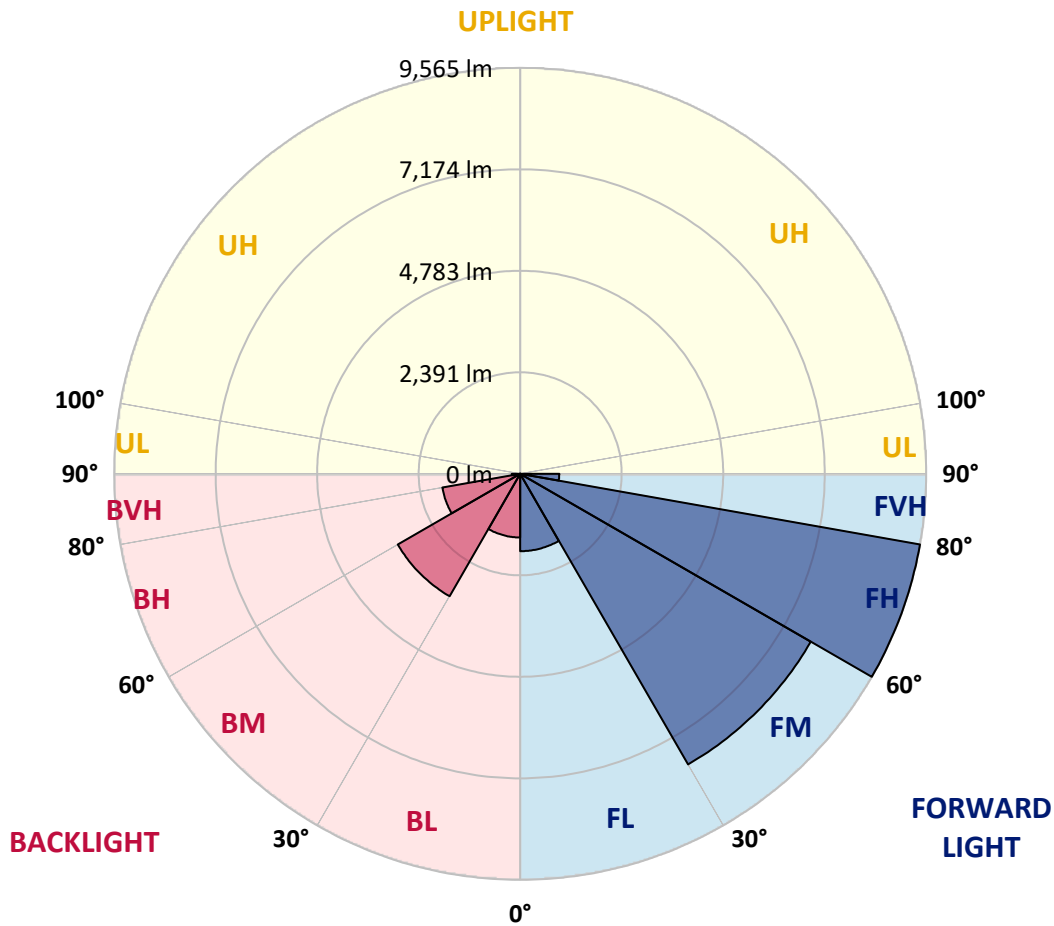
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1823.1	6.7			
FM (30°-60°)	7905.6	29.2			
FH (60°-80°)	9565.1	35.3			G4/12000
FVH (80°-90°)	921.7	3.4			G5
BL (0°-30°)	1500.0	5.5	B3/2500		
BM (30°-60°)	3328.9	12.3	B3/5000		
BH (60°-80°)	1862.3	6.9	B3/2500		G3/2500
BVH (80°-90°)	197.2	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°	3727.0	3727.0	3727.0	3727.0	3727.0	3727.0	3727.0	3727.0	3727.0	3727.0
2.5°	4008.1	4023.2	4038.5	4060.1	4081.7	4094.6	4107.5	4113.9	4120.3	4117.5
5°	4309.8	4362.9	4416.1	4468.7	4521.5	4550.1	4578.7	4596.0	4613.5	4626.6
7.5°	4613.0	4699.4	4785.6	4863.3	4941.0	4987.7	5034.5	5059.8	5085.0	5097.1
10°	4845.4	4947.5	5049.7	5140.8	5231.9	5287.1	5342.0	5366.6	5391.0	5400.3
12.5°	4987.7	5098.4	5209.0	5291.4	5373.4	5413.5	5453.5	5467.0	5480.4	5481.9
15°	5074.3	5169.8	5265.2	5316.8	5368.6	5370.0	5371.4	5357.1	5342.8	5326.0
17.5°	5122.9	5187.4	5251.9	5252.9	5253.7	5195.8	5137.9	5084.8	5031.6	4994.2
20°	5176.5	5199.0	5221.6	5153.6	5085.7	4957.8	4830.0	4736.9	4643.8	4586.6
22.5°	5238.7	5209.3	5179.8	5039.1	4898.3	4710.3	4522.2	4405.8	4289.4	4226.2
25°	5318.8	5225.9	5132.9	4919.2	4705.6	4477.2	4248.8	4126.3	4004.2	3944.4
27.5°	5427.5	5261.3	5095.0	4812.0	4529.1	4275.9	4022.8	3902.4	3782.1	3725.6
30°	5574.1	5326.3	5078.5	4730.2	4381.8	4118.0	3854.3	3742.6	3630.9	3578.3
32.5°	5747.2	5407.8	5068.5	4674.4	4280.2	4032.4	3784.5	3696.9	3609.0	3571.1
35°	5957.4	5542.1	5126.9	4716.1	4305.5	4133.3	3961.3	3940.8	3920.4	3917.2
37.5°	6311.4	5822.8	5334.3	4961.0	4587.7	4576.6	4565.4	4658.9	4752.5	4801.1
40°	6846.2	6314.9	5783.6	5506.0	5228.4	5424.4	5620.3	5847.7	6075.1	6188.4
42.5°	7555.6	7028.4	6501.3	6341.4	6181.5	6608.8	7036.2	7449.8	7863.4	8106.2
45°	8431.6	7958.1	7484.4	7413.9	7343.2	8027.9	8712.6	9392.2	10072.0	10484.6
47.5°	9527.1	9066.4	8605.6	8591.3	8577.0	9564.7	10552.1	11547.1	12541.9	13126.1
50°	10963.0	10393.9	9825.0	9827.4	9829.9	11102.7	12375.6	13688.9	15002.2	15796.3
52.5°	12611.3	11922.2	11233.3	11163.7	11093.9	12614.3	14134.7	15759.7	17384.5	18336.3
55°	14366.1	13685.3	13004.6	12733.0	12461.4	14153.6	15845.6	17782.8	19720.0	20851.9
57.5°	15962.2	15591.5	15220.6	14675.9	14131.3	15839.9	17548.5	19742.7	21936.7	23340.4
60°	16926.8	17502.6	18078.5	17402.1	16725.6	18342.6	19959.5	22308.7	24657.9	26175.0
62.5°	16437.0	18010.3	19583.7	19507.4	19431.1	20912.3	22393.7	24628.7	26863.7	28266.0
65°	15456.6	16933.3	18409.9	18702.1	18994.1	20876.5	22759.1	24926.4	27093.5	28287.4
67.5°	14143.0	15547.4	16951.9	17088.9	17225.7	19187.1	21148.3	23324.9	25501.4	26436.8
70°	12564.8	14092.4	15620.1	15681.3	15742.6	17496.6	19250.4	21123.5	22996.5	23516.4
72.5°	10684.1	12437.1	14190.2	14234.2	14278.1	15650.4	17022.6	18425.5	19828.2	19880.8
75°	8305.0	10119.3	11933.7	12096.6	12259.5	13327.1	14394.7	15382.2	16369.8	16105.2
77.5°	5933.8	7627.4	9321.2	9554.3	9787.4	10599.0	11410.6	12111.0	12811.5	12356.7
80°	3883.6	5308.5	6733.3	7023.0	7312.8	7925.7	8538.4	8906.3	9274.0	8542.4
82.5°	2257.5	3231.6	4205.9	4529.5	4853.3	5275.2	5697.1	5850.6	6003.9	5428.9
85°	993.3	1510.3	2027.3	2302.6	2577.9	2924.6	3271.1	3358.2	3445.3	2984.8
87.5°	307.5	481.3	655.0	808.6	962.2	1135.6	1308.9	1316.3	1323.6	1111.2
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°
3727.0	0°	3727.0	3727.0	3727.0	3727.0	3727.0	3727.0	3727.0	3727.0	3727.0	3727.0
4120.3	2.5°	4113.9	4107.5	4094.6	4081.7	4060.1	4038.5	4023.2	4008.1	3977.3	3946.6
4613.5	5°	4596.0	4578.7	4550.1	4521.5	4468.7	4416.1	4362.9	4309.8	4241.9	4174.0
5085.0	7.5°	5059.8	5034.5	4987.7	4941.0	4863.3	4785.6	4699.4	4613.0	4500.9	4388.9
5391.0	10°	5366.6	5342.0	5287.1	5231.9	5140.8	5049.7	4947.5	4845.4	4703.7	4562.0
5480.4	12.5°	5467.0	5453.5	5413.5	5373.4	5291.4	5209.0	5098.4	4987.7	4832.0	4676.4
5342.8	15°	5357.1	5371.4	5370.0	5368.6	5316.8	5265.2	5169.8	5074.3	4911.9	4749.6
5031.6	17.5°	5084.8	5137.9	5195.8	5253.7	5252.9	5251.9	5187.4	5122.9	4958.3	4793.7
4643.8	20°	4736.9	4830.0	4957.8	5085.7	5153.6	5221.6	5199.0	5176.5	5005.5	4834.3
4289.4	22.5°	4405.8	4522.2	4710.3	4898.3	5039.1	5179.8	5209.3	5238.7	5064.0	4889.0
4004.2	25°	4126.3	4248.8	4477.2	4705.6	4919.2	5132.9	5225.9	5318.8	5147.5	4976.3
3782.1	27.5°	3902.4	4022.8	4275.9	4529.1	4812.0	5095.0	5261.3	5427.5	5264.2	5100.7
3630.9	30°	3742.6	3854.3	4118.0	4381.8	4730.2	5078.5	5326.3	5574.1	5416.2	5258.5
3609.0	32.5°	3696.9	3784.5	4032.4	4280.2	4674.4	5068.5	5407.8	5747.2	5590.8	5434.7
3920.4	35°	3940.8	3961.3	4133.3	4305.5	4716.1	5126.9	5542.1	5957.4	5807.8	5658.1
4752.5	37.5°	4658.9	4565.4	4576.6	4587.7	4961.0	5334.3	5822.8	6311.4	6120.6	5929.8
6075.1	40°	5847.7	5620.3	5424.4	5228.4	5506.0	5783.6	6314.9	6846.2	6568.2	6290.2
7863.4	42.5°	7449.8	7036.2	6608.8	6181.5	6341.4	6501.3	7028.4	7555.6	7154.3	6753.0
10072.0	45°	9392.2	8712.6	8027.9	7343.2	7413.9	7484.4	7958.1	8431.6	7890.3	7348.9
12541.9	47.5°	11547.1	10552.1	9564.7	8577.0	8591.3	8605.6	9066.4	9527.1	8765.3	8003.3
15002.2	50°	13688.9	12375.6	11102.7	9829.9	9827.4	9825.0	10393.9	10963.0	9814.4	8665.7
17384.5	52.5°	15759.7	14134.7	12614.3	11093.9	11163.7	11233.3	11922.2	12611.3	10916.5	9221.8
19720.0	55°	17782.8	15845.6	14153.6	12461.4	12733.0	13004.6	13685.3	14366.1	11893.6	9421.3
21936.7	57.5°	19742.7	17548.5	15839.9	14131.3	14675.9	15220.6	15591.5	15962.2	12586.1	9210.0
24657.9	60°	22308.7	19959.5	18342.6	16725.6	17402.1	18078.5	17502.6	16926.8	12759.2	8591.3
26863.7	62.5°	24628.7	22393.7	20912.3	19431.1	19507.4	19583.7	18010.3	16437.0	12030.5	7624.0
27093.5	65°	24926.4	22759.1	20876.5	18994.1	18702.1	18409.9	16933.3	15456.6	10999.5	6542.3
25501.4	67.5°	23324.9	21148.3	19187.1	17225.7	17088.9	16951.9	15547.4	14143.0	9772.5	5402.1
22996.5	70°	21123.5	19250.4	17496.6	15742.6	15681.3	15620.1	14092.4	12564.8	8433.7	4302.7
19828.2	72.5°	18425.5	17022.6	15650.4	14278.1	14234.2	14190.2	12437.1	10684.1	6982.4	3280.8
16369.8	75°	15382.2	14394.7	13327.1	12259.5	12096.6	11933.7	10119.3	8305.0	5318.7	2332.3
12811.5	77.5°	12111.0	11410.6	10599.0	9787.4	9554.3	9321.2	7627.4	5933.8	3722.6	1511.4
9274.0	80°	8906.3	8538.4	7925.7	7312.8	7023.0	6733.3	5308.5	3883.6	2398.4	913.2
6003.9	82.5°	5850.6	5697.1	5275.2	4853.3	4529.5	4205.9	3231.6	2257.5	1388.1	518.9
3445.3	85°	3358.2	3271.1	2924.6	2577.9	2302.6	2027.3	1510.3	993.3	624.4	255.7
1323.6	87.5°	1316.3	1308.9	1135.6	962.2	808.6	655.0	481.3	307.5	204.5	101.5
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):

105°		110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
3727.0	0°	3727.0	3727.0	3727.0	3727.0	3727.0	3727.0	3727.0	3727.0	3727.0	3727.0
3913.8	2.5°	3881.2	3848.3	3815.4	3784.0	3752.5	3722.0	3688.1	3660.7	3633.4	3608.6
4106.2	5°	4038.5	3970.3	3902.2	3838.6	3774.9	3714.9	3655.5	3603.8	3551.8	3508.4
4285.4	7.5°	4181.8	4081.0	3980.2	3891.4	3802.5	3720.6	3643.8	3574.9	3506.1	3448.9
4425.1	10°	4288.4	4166.0	4043.4	3938.4	3833.2	3732.0	3649.5	3576.9	3504.2	3447.0
4521.4	12.5°	4366.3	4221.9	4077.4	3958.6	3839.7	3733.5	3656.7	3597.2	3538.0	3499.9
4581.4	15°	4413.2	4246.9	4080.6	3943.0	3805.4	3687.7	3626.2	3597.7	3569.4	3574.6
4610.2	17.5°	4426.7	4233.6	4040.5	3875.1	3709.6	3571.1	3533.2	3543.7	3554.0	3616.3
4632.6	20°	4431.0	4197.0	3963.0	3757.9	3552.8	3391.7	3381.6	3430.3	3478.9	3587.2
4662.9	22.5°	4436.7	4152.1	3867.5	3620.5	3373.5	3190.0	3209.6	3281.5	3353.5	3477.0
4717.9	25°	4459.3	4107.7	3756.4	3467.0	3177.8	2989.8	3042.7	3125.6	3208.6	3319.7
4803.7	27.5°	4506.5	4078.1	3649.8	3326.7	3003.7	2832.5	2896.8	2976.9	3057.0	3148.4
4914.8	30°	4571.1	4064.3	3557.1	3209.5	2861.8	2718.0	2768.5	2832.0	2895.8	2971.6
5030.8	32.5°	4626.9	4047.1	3467.0	3108.3	2749.5	2633.7	2656.1	2693.7	2731.3	2791.8
5162.9	35°	4667.8	4014.8	3362.1	3008.9	2655.8	2559.3	2550.0	2560.3	2570.7	2616.9
5311.0	37.5°	4692.1	3959.4	3226.8	2892.0	2557.2	2472.8	2438.7	2427.3	2415.8	2449.0
5498.9	40°	4707.4	3883.2	3059.1	2752.4	2445.6	2369.1	2316.9	2291.0	2265.1	2289.0
5744.7	42.5°	4736.5	3804.5	2872.9	2598.3	2323.7	2253.2	2187.5	2153.1	2118.8	2138.3
6068.2	45°	4787.5	3731.5	2675.6	2434.7	2193.9	2122.4	2058.7	2025.3	1991.9	2008.3
6412.9	47.5°	4822.5	3671.1	2519.7	2305.3	2090.9	1998.7	1943.9	1915.9	1887.8	1903.3
6732.7	50°	4799.7	3605.3	2411.0	2219.3	2027.7	1906.4	1842.8	1817.9	1793.2	1817.2
6940.3	52.5°	4658.8	3494.2	2329.8	2162.7	1995.8	1856.4	1767.4	1742.8	1718.4	1754.5
6894.6	55°	4367.8	3310.0	2252.2	2121.7	1991.1	1861.4	1727.4	1688.5	1649.7	1701.0
6572.5	57.5°	3935.1	3050.3	2165.3	2073.0	1980.8	1866.4	1703.3	1646.7	1590.1	1645.3
5973.1	60°	3354.9	2713.0	2071.2	1998.7	1926.2	1850.6	1680.7	1607.4	1533.9	1582.3
5162.6	62.5°	2701.3	2309.4	1917.6	1869.4	1821.3	1812.0	1654.4	1562.6	1470.9	1501.7
4335.7	65°	2129.2	1946.3	1763.4	1740.7	1717.9	1719.1	1598.9	1501.4	1403.7	1415.6
3525.7	67.5°	1649.3	1597.4	1545.3	1558.0	1570.6	1567.5	1500.0	1418.7	1337.5	1333.8
2776.0	70°	1249.3	1264.1	1278.9	1337.8	1396.6	1396.6	1374.4	1316.6	1258.8	1246.0
2122.2	72.5°	963.7	1008.4	1053.3	1136.8	1220.2	1234.2	1234.5	1194.9	1155.3	1136.4
1540.3	75°	748.3	788.9	829.5	923.0	1016.6	1081.2	1075.8	1045.3	1014.7	996.7
1043.7	77.5°	576.1	603.7	631.4	722.2	813.1	919.6	916.7	892.3	867.8	849.5
672.5	80°	431.9	443.4	454.8	531.7	608.5	735.8	735.4	714.9	694.3	679.0
413.6	82.5°	308.6	310.6	312.9	369.6	426.2	534.9	540.9	530.9	520.9	510.0
221.1	85°	186.6	185.6	184.5	226.0	267.4	348.2	356.1	345.4	334.7	322.5
91.7	87.5°	81.8	80.8	79.8	96.7	113.7	147.3	157.3	153.0	148.7	146.4
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°
3727.0	0°	3727.0	3727.0	3727.0	3727.0	3727.0	3727.0	3727.0	3727.0	3727.0	3727.0
3584.0	2.5°	3562.4	3540.8	3519.1	3497.5	3480.8	3463.9	3450.3	3436.7	3426.1	3415.5
3465.0	5°	3426.7	3388.4	3353.6	3318.7	3292.0	3265.1	3246.4	3227.6	3214.3	3201.0
3391.7	7.5°	3343.5	3295.1	3252.5	3210.0	3178.1	3146.4	3124.1	3101.8	3086.5	3071.3
3389.8	10°	3337.9	3285.8	3237.9	3190.0	3152.0	3113.8	3088.9	3063.7	3049.3	3034.8
3462.2	12.5°	3421.3	3380.6	3331.0	3281.5	3232.9	3184.3	3152.1	3119.9	3103.8	3087.7
3579.7	15°	3569.1	3558.6	3515.5	3472.5	3403.2	3334.0	3285.1	3236.2	3213.7	3191.4
3678.7	17.5°	3711.9	3744.9	3710.2	3675.5	3583.9	3492.2	3420.1	3348.0	3314.9	3281.5
3695.6	20°	3764.9	3834.3	3818.3	3802.1	3697.3	3592.6	3504.2	3416.0	3373.5	3330.9
3600.9	22.5°	3691.1	3781.4	3791.1	3800.7	3700.6	3600.5	3509.5	3418.4	3373.6	3328.7
3431.0	25°	3519.8	3608.6	3641.8	3674.8	3592.7	3510.8	3429.8	3349.2	3310.3	3271.5
3239.6	27.5°	3310.9	3382.1	3419.0	3456.0	3397.5	3339.2	3276.4	3213.6	3187.6	3161.4
3047.4	30°	3106.5	3165.7	3195.7	3225.8	3181.3	3136.7	3091.8	3046.6	3033.3	3019.8
2852.5	32.5°	2909.1	2965.9	2999.2	3032.7	2991.8	2950.7	2914.8	2878.9	2870.2	2861.5
2663.0	35°	2719.0	2775.3	2815.3	2855.3	2826.2	2797.1	2764.0	2730.9	2717.6	2704.5
2482.1	37.5°	2538.0	2594.0	2643.5	2693.0	2679.6	2666.1	2635.7	2605.1	2580.9	2556.9
2312.9	40°	2366.9	2421.0	2477.9	2535.0	2538.3	2541.4	2515.5	2489.6	2454.5	2419.6
2157.8	42.5°	2209.0	2260.4	2321.9	2383.4	2399.8	2416.3	2394.4	2372.7	2329.0	2285.4
2024.8	45°	2073.5	2122.1	2185.9	2249.7	2273.3	2296.9	2277.1	2257.5	2207.6	2157.8
1918.6	47.5°	1966.2	2013.7	2076.6	2139.5	2166.7	2193.9	2180.2	2166.4	2122.1	2077.8
1841.3	50°	1886.3	1931.0	1987.4	2043.7	2078.6	2113.5	2112.7	2112.1	2076.6	2041.1
1790.6	52.5°	1831.8	1872.8	1925.3	1977.9	2019.3	2060.6	2068.0	2075.5	2046.6	2017.7
1752.2	55°	1796.6	1840.9	1887.0	1932.9	1976.6	2020.5	2030.8	2041.1	2016.0	1990.8
1700.5	57.5°	1752.5	1804.6	1850.1	1895.7	1939.9	1983.9	1994.4	2004.8	1979.4	1953.9
1630.7	60°	1690.5	1750.2	1796.4	1842.8	1887.1	1931.4	1942.9	1954.3	1929.4	1904.7
1532.4	62.5°	1602.1	1671.9	1721.2	1770.6	1811.2	1851.8	1862.8	1873.8	1851.4	1828.9
1427.3	65°	1502.0	1576.8	1624.0	1671.2	1706.9	1742.7	1754.0	1765.1	1743.5	1721.9
1330.1	67.5°	1399.0	1468.1	1512.8	1557.5	1588.4	1619.2	1630.3	1641.1	1621.2	1601.5
1233.1	70°	1293.7	1354.4	1393.0	1431.6	1459.5	1487.4	1498.0	1508.5	1492.4	1476.2
1117.7	72.5°	1165.4	1213.1	1248.0	1282.9	1310.2	1337.5	1350.1	1362.7	1349.2	1335.8
978.5	75°	1014.0	1049.5	1081.1	1112.7	1137.6	1162.4	1175.6	1188.8	1182.2	1175.6
831.2	77.5°	860.1	888.9	916.0	943.2	969.4	995.4	1007.7	1020.0	1010.8	1001.4
663.6	80°	687.6	711.5	734.4	757.3	777.2	796.9	813.2	829.5	825.5	821.6
499.1	82.5°	497.1	495.1	487.1	479.1	521.4	563.8	591.5	619.3	617.5	615.7
310.3	85°	300.1	289.6	267.4	245.3	284.9	324.6	359.0	393.3	390.4	387.6
144.2	87.5°	143.7	143.3	126.4	109.4	126.0	142.7	156.6	170.5	167.0	163.3
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°
3727.0	0°	3727.0	3727.0	3727.0	3727.0	3727.0	3727.0	3727.0	3727.0	3727.0	3727.0
3405.8	2.5°	3395.9	3383.8	3395.9	3405.8	3415.5	3426.1	3436.7	3450.3	3463.9	3480.8
3190.9	5°	3180.7	3170.7	3180.7	3190.9	3201.0	3214.3	3227.6	3246.4	3265.1	3292.0
3062.1	7.5°	3053.1	3046.3	3053.1	3062.1	3071.3	3086.5	3101.8	3124.1	3146.4	3178.1
3027.1	10°	3019.4	3016.2	3019.4	3027.1	3034.8	3049.3	3063.7	3088.9	3113.8	3152.0
3081.2	12.5°	3074.6	3073.4	3074.6	3081.2	3087.7	3103.8	3119.9	3152.1	3184.3	3232.9
3182.9	15°	3174.3	3173.6	3174.3	3182.9	3191.4	3213.7	3236.2	3285.1	3334.0	3403.2
3270.7	17.5°	3259.7	3257.9	3259.7	3270.7	3281.5	3314.9	3348.0	3420.1	3492.2	3583.9
3317.3	20°	3303.7	3299.4	3303.7	3317.3	3330.9	3373.5	3416.0	3504.2	3592.6	3697.3
3313.7	22.5°	3298.7	3292.3	3298.7	3313.7	3328.7	3373.6	3418.4	3509.5	3600.5	3700.6
3257.4	25°	3243.3	3235.1	3243.3	3257.4	3271.5	3310.3	3349.2	3429.8	3510.8	3592.7
3155.0	27.5°	3148.5	3146.4	3148.5	3155.0	3161.4	3187.6	3213.6	3276.4	3339.2	3397.5
3019.8	30°	3019.8	3022.0	3019.8	3019.8	3019.8	3033.3	3046.6	3091.8	3136.7	3181.3
2862.6	32.5°	2863.9	2866.1	2863.9	2862.6	2861.5	2870.2	2878.9	2914.8	2950.7	2991.8
2701.6	35°	2698.7	2697.3	2698.7	2701.6	2704.5	2717.6	2730.9	2764.0	2797.1	2826.2
2544.1	37.5°	2531.4	2524.3	2531.4	2544.1	2556.9	2580.9	2605.1	2635.7	2666.1	2679.6
2395.8	40°	2372.4	2358.4	2372.4	2395.8	2419.6	2454.5	2489.6	2515.5	2541.4	2538.3
2251.0	42.5°	2216.5	2193.9	2216.5	2251.0	2285.4	2329.0	2372.7	2394.4	2416.3	2399.8
2117.4	45°	2076.9	2050.9	2076.9	2117.4	2157.8	2207.6	2257.5	2277.1	2296.9	2273.3
2040.3	47.5°	2003.0	1977.9	2003.0	2040.3	2077.8	2122.1	2166.4	2180.2	2193.9	2166.7
2006.5	50°	1971.9	1947.9	1971.9	2006.5	2041.1	2076.6	2112.1	2112.7	2113.5	2078.6
1986.7	52.5°	1955.8	1933.6	1955.8	1986.7	2017.7	2046.6	2075.5	2068.0	2060.6	2019.3
1963.6	55°	1936.5	1916.4	1936.5	1963.6	1990.8	2016.0	2041.1	2030.8	2020.5	1976.6
1927.0	57.5°	1900.0	1879.2	1900.0	1927.0	1953.9	1979.4	2004.8	1994.4	1983.9	1939.9
1877.0	60°	1849.2	1827.8	1849.2	1877.0	1904.7	1929.4	1954.3	1942.9	1931.4	1887.1
1799.7	62.5°	1770.6	1744.8	1770.6	1799.7	1828.9	1851.4	1873.8	1862.8	1851.8	1811.2
1693.6	65°	1665.4	1643.3	1665.4	1693.6	1721.9	1743.5	1765.1	1754.0	1742.7	1706.9
1575.2	67.5°	1548.9	1528.9	1548.9	1575.2	1601.5	1621.2	1641.1	1630.3	1619.2	1588.4
1451.1	70°	1425.9	1403.0	1425.9	1451.1	1476.2	1492.4	1508.5	1498.0	1487.4	1459.5
1311.8	72.5°	1287.9	1265.7	1287.9	1311.8	1335.8	1349.2	1362.7	1350.1	1337.5	1310.2
1155.4	75°	1135.3	1114.1	1135.3	1155.4	1175.6	1182.2	1188.8	1175.6	1162.4	1137.6
981.1	77.5°	960.8	943.9	960.8	981.1	1001.4	1010.8	1020.0	1007.7	995.4	969.4
794.3	80°	766.9	735.1	766.9	794.3	821.6	825.5	829.5	813.2	796.9	777.2
592.7	82.5°	569.5	549.2	569.5	592.7	615.7	617.5	619.3	591.5	563.8	521.4
369.6	85°	351.5	333.2	351.5	369.6	387.6	390.4	393.3	359.0	324.6	284.9
154.2	87.5°	144.7	135.9	144.7	154.2	163.3	167.0	170.5	156.6	142.7	126.0
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°
3727.0	0°	3727.0	3727.0	3727.0	3727.0	3727.0	3727.0	3727.0	3727.0	3727.0	3727.0
3497.5	2.5°	3519.1	3540.8	3562.4	3584.0	3608.6	3633.4	3660.7	3688.1	3722.0	3752.5
3318.7	5°	3353.6	3388.4	3426.7	3465.0	3508.4	3551.8	3603.8	3655.5	3714.9	3774.9
3210.0	7.5°	3252.5	3295.1	3343.5	3391.7	3448.9	3506.1	3574.9	3643.8	3720.6	3802.5
3190.0	10°	3237.9	3285.8	3337.9	3389.8	3447.0	3504.2	3576.9	3649.5	3732.0	3833.2
3281.5	12.5°	3331.0	3380.6	3421.3	3462.2	3499.9	3538.0	3597.2	3656.7	3733.5	3839.7
3472.5	15°	3515.5	3558.6	3599.1	3579.7	3574.6	3569.4	3597.7	3626.2	3687.7	3805.4
3675.5	17.5°	3710.2	3744.9	3711.9	3678.7	3616.3	3554.0	3543.7	3533.2	3571.1	3709.6
3802.1	20°	3818.3	3834.3	3764.9	3695.6	3587.2	3478.9	3430.3	3381.6	3391.7	3552.8
3800.7	22.5°	3791.1	3781.4	3691.1	3600.9	3477.0	3353.5	3281.5	3209.6	3190.0	3373.5
3674.8	25°	3641.8	3608.6	3519.8	3431.0	3319.7	3208.6	3125.6	3042.7	2989.8	3177.8
3456.0	27.5°	3419.0	3382.1	3310.9	3239.6	3148.4	3057.0	2976.9	2896.8	2832.5	3003.7
3225.8	30°	3195.7	3165.7	3106.5	3047.4	2971.6	2895.8	2832.0	2768.5	2718.0	2861.8
3032.7	32.5°	2999.2	2965.9	2909.1	2852.5	2791.8	2731.3	2693.7	2656.1	2633.7	2749.5
2855.3	35°	2815.3	2775.3	2719.0	2663.0	2616.9	2570.7	2560.3	2550.0	2559.3	2655.8
2693.0	37.5°	2643.5	2594.0	2538.0	2482.1	2449.0	2415.8	2427.3	2438.7	2472.8	2557.2
2535.0	40°	2477.9	2421.0	2366.9	2312.9	2289.0	2265.1	2291.0	2316.9	2369.1	2445.6
2383.4	42.5°	2321.9	2260.4	2209.0	2157.8	2138.3	2118.8	2153.1	2187.5	2253.2	2323.7
2249.7	45°	2185.9	2122.1	2073.5	2024.8	2008.3	1991.9	2025.3	2058.7	2122.4	2193.9
2139.5	47.5°	2076.6	2013.7	1966.2	1918.6	1903.3	1887.8	1915.9	1943.9	1998.7	2090.9
2043.7	50°	1987.4	1931.0	1886.3	1841.3	1817.2	1793.2	1817.9	1842.8	1906.4	2027.7
1977.9	52.5°	1925.3	1872.8	1831.8	1790.6	1754.5	1718.4	1742.8	1767.4	1856.4	1995.8
1932.9	55°	1887.0	1840.9	1796.6	1752.2	1701.0	1649.7	1688.5	1727.4	1861.4	1991.1
1895.7	57.5°	1850.1	1804.6	1752.5	1700.5	1645.3	1590.1	1646.7	1703.3	1866.4	1980.8
1842.8	60°	1796.4	1750.2	1690.5	1630.7	1582.3	1533.9	1607.4	1680.7	1850.6	1926.2
1770.6	62.5°	1721.2	1671.9	1602.1	1532.4	1501.7	1470.9	1562.6	1654.4	1812.0	1821.3
1671.2	65°	1624.0	1576.8	1502.0	1427.3	1415.6	1403.7	1501.4	1598.9	1719.1	1717.9
1557.5	67.5°	1512.8	1468.1	1399.0	1330.1	1333.8	1337.5	1418.7	1500.0	1567.5	1570.6
1431.6	70°	1393.0	1354.4	1293.7	1233.1	1246.0	1258.8	1316.6	1374.4	1396.6	1396.6
1282.9	72.5°	1248.0	1213.1	1165.4	1117.7	1136.4	1155.3	1194.9	1234.5	1234.2	1220.2
1112.7	75°	1081.1	1049.5	1014.0	978.5	996.7	1014.7	1045.3	1075.8	1081.2	1016.6
943.2	77.5°	916.0	888.9	860.1	831.2	849.5	867.8	892.3	916.7	919.6	813.1
757.3	80°	734.4	711.5	687.6	663.6	679.0	694.3	714.9	735.4	735.8	608.5
479.1	82.5°	487.1	495.1	497.1	499.1	510.0	520.9	530.9	540.9	534.9	426.2
245.3	85°	267.4	289.6	300.1	310.3	322.5	334.7	345.4	356.1	348.2	267.4
109.4	87.5°	126.4	143.3	143.7	144.2	146.4	148.7	153.0	157.3	147.3	113.7
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):

325°		330°	335°	340°	345°	350°	355°	360°
3727.0	0°	3727.0	3727.0	3727.0	3727.0	3727.0	3727.0	3727.0
3784.0	2.5°	3815.4	3848.3	3881.2	3913.8	3946.6	3977.3	4008.1
3838.6	5°	3902.2	3970.3	4038.5	4106.2	4174.0	4241.9	4309.8
3891.4	7.5°	3980.2	4081.0	4181.8	4285.4	4388.9	4500.9	4613.0
3938.4	10°	4043.4	4166.0	4288.4	4425.1	4562.0	4703.7	4845.4
3958.6	12.5°	4077.4	4221.9	4366.3	4521.4	4676.4	4832.0	4987.7
3943.0	15°	4080.6	4246.9	4413.2	4581.4	4749.6	4911.9	5074.3
3875.1	17.5°	4040.5	4233.6	4426.7	4610.2	4793.7	4958.3	5122.9
3757.9	20°	3963.0	4197.0	4431.0	4632.6	4834.3	5005.5	5176.5
3620.5	22.5°	3867.5	4152.1	4436.7	4662.9	4889.0	5064.0	5238.7
3467.0	25°	3756.4	4107.7	4459.3	4717.9	4976.3	5147.5	5318.8
3326.7	27.5°	3649.8	4078.1	4506.5	4803.7	5100.7	5264.2	5427.5
3209.5	30°	3557.1	4064.3	4571.1	4914.8	5258.5	5416.2	5574.1
3108.3	32.5°	3467.0	4047.1	4626.9	5030.8	5434.7	5590.8	5747.2
3008.9	35°	3362.1	4014.8	4667.8	5162.9	5658.1	5807.8	5957.4
2892.0	37.5°	3226.8	3959.4	4692.1	5311.0	5929.8	6120.6	6311.4
2752.4	40°	3059.1	3883.2	4707.4	5498.9	6290.2	6568.2	6846.2
2598.3	42.5°	2872.9	3804.5	4736.5	5744.7	6753.0	7154.3	7555.6
2434.7	45°	2675.6	3731.5	4787.5	6068.2	7348.9	7890.3	8431.6
2305.3	47.5°	2519.7	3671.1	4822.5	6412.9	8003.3	8765.3	9527.1
2219.3	50°	2411.0	3605.3	4799.7	6732.7	8665.7	9814.4	10963.0
2162.7	52.5°	2329.8	3494.2	4658.8	6940.3	9221.8	10916.5	12611.3
2121.7	55°	2252.2	3310.0	4367.8	6894.6	9421.3	11893.6	14366.1
2073.0	57.5°	2165.3	3050.3	3935.1	6572.5	9210.0	12586.1	15962.2
1998.7	60°	2071.2	2713.0	3354.9	5973.1	8591.3	12759.2	16926.8
1869.4	62.5°	1917.6	2309.4	2701.3	5162.6	7624.0	12030.5	16437.0
1740.7	65°	1763.4	1946.3	2129.2	4335.7	6542.3	10999.5	15456.6
1558.0	67.5°	1545.3	1597.4	1649.3	3525.7	5402.1	9772.5	14143.0
1337.8	70°	1278.9	1264.1	1249.3	2776.0	4302.7	8433.7	12564.8
1136.8	72.5°	1053.3	1008.4	963.7	2122.2	3280.8	6982.4	10684.1
923.0	75°	829.5	788.9	748.3	1540.3	2332.3	5318.7	8305.0
722.2	77.5°	631.4	603.7	576.1	1043.7	1511.4	3722.6	5933.8
531.7	80°	454.8	443.4	431.9	672.5	913.2	2398.4	3883.6
369.6	82.5°	312.9	310.6	308.6	413.6	518.9	1388.1	2257.5
226.0	85°	184.5	185.6	186.6	221.1	255.7	624.4	993.3
96.7	87.5°	79.8	80.8	81.8	91.7	101.5	204.5	307.5
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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