

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: P952948

Luminaire Tested: **GALN-SB6C-927-U-SLR**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P952948
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-SB6C-927-U-SLR
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(6) 90 CRI, 2700K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 27544 lumens
Efficiency: N/A
Efficacy: 91.5 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B3 - U0 - G5

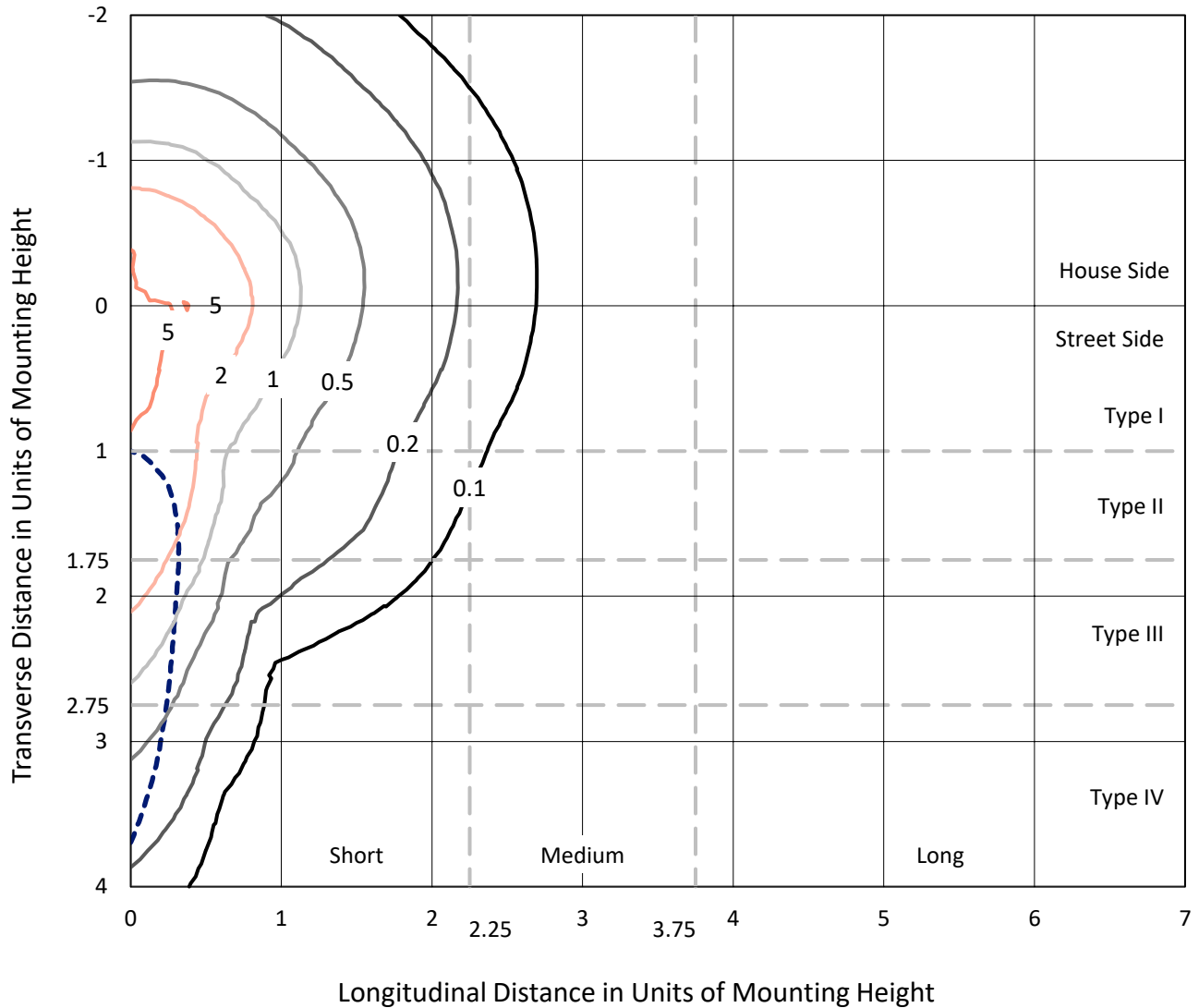
Input Watts (W): 300.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

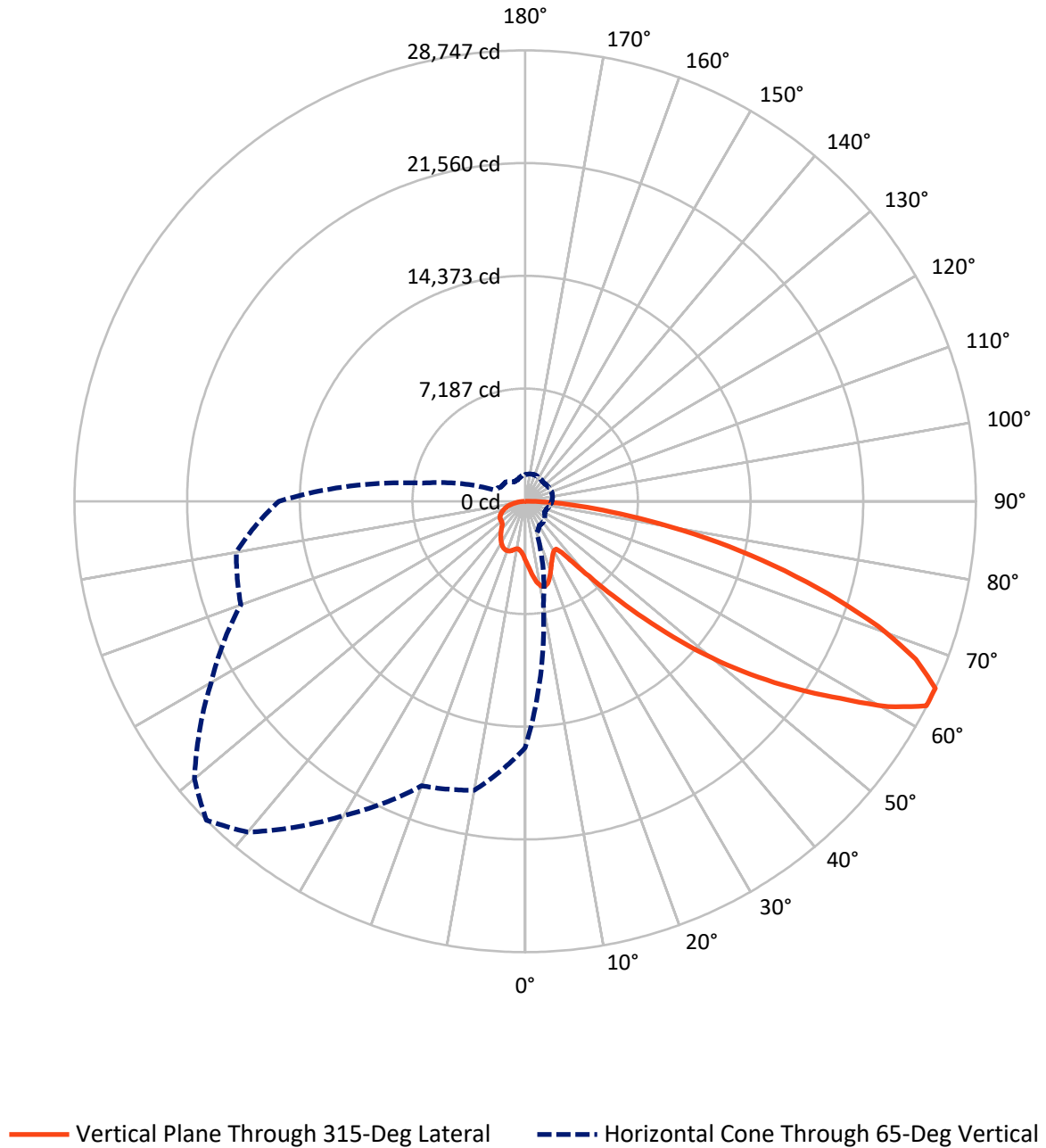
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 7.5 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	7000.3	0.0	7000.3
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	20543.7	0.0	20543.7
	% Fixture	74.6	0.0	74.6
Total	Lumens	27544.0	0.0	27544.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	375.7	1.4
10°-20°	1179.5	4.3
20°-30°	1821.9	6.6
30°-40°	2308.8	8.4
40°-50°	3482.2	12.6
50°-60°	5626.0	20.4
60°-70°	7013.7	25.5
70°-80°	4599.2	16.7
80°-90°	1137.0	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°	27544.0	100.0
0°-180°	27544.0	100.0

Coefficient of Utilization

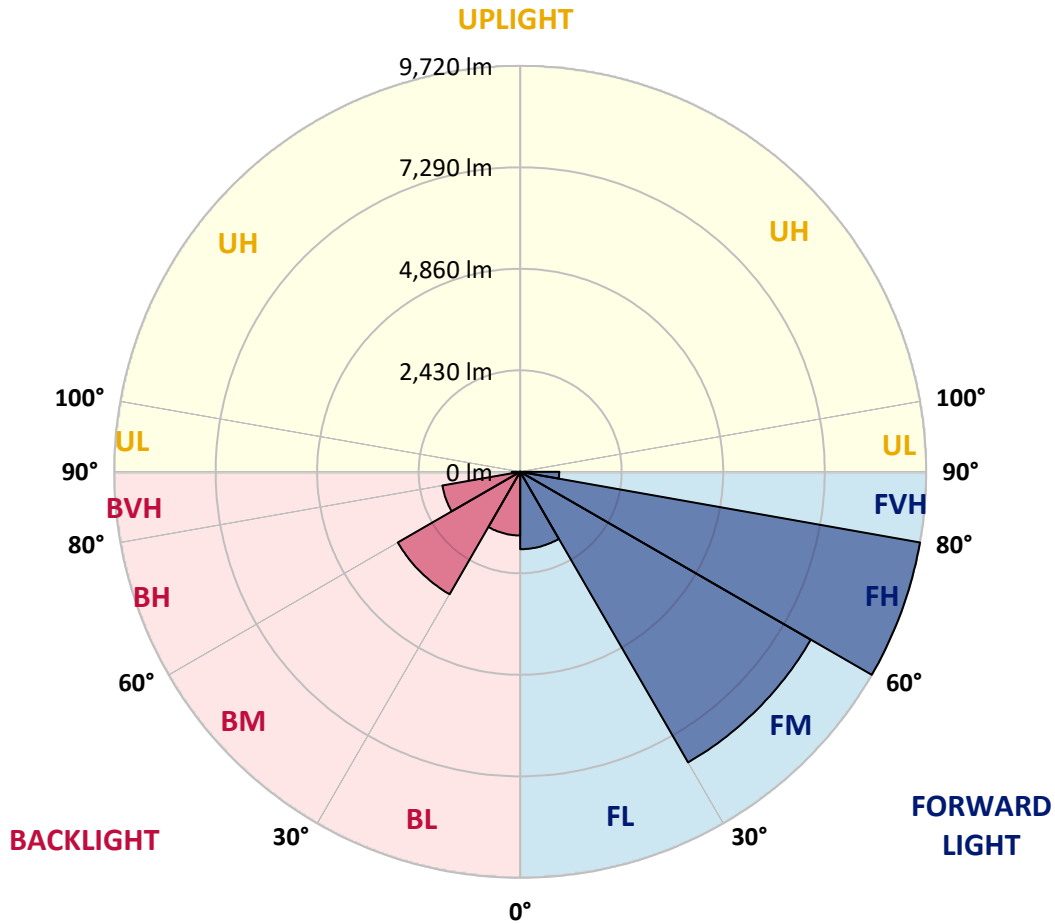


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1852.6	6.7			
FM (30°-60°)	8034.0	29.2			
FH (60°-80°)	9720.4	35.3			G4/12000
FVH (80°-90°)	936.7	3.4			G5
BL (0°-30°)	1524.4	5.5	B3/2500		
BM (30°-60°)	3383.0	12.3	B3/5000		
BH (60°-80°)	1892.6	6.9	B3/2500		G3/2500
BVH (80°-90°)	200.4	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°	3787.5	3787.5	3787.5	3787.5	3787.5	3787.5	3787.5	3787.5	3787.5	3787.5
2.5°	4073.1	4041.9	4010.6	3977.4	3944.2	3910.8	3877.4	3845.4	3813.4	3782.5
5°	4379.8	4310.8	4241.7	4172.8	4104.1	4034.8	3965.6	3900.9	3836.2	3775.2
7.5°	4687.9	4574.0	4460.2	4354.9	4249.7	4147.3	4044.8	3954.5	3864.3	3781.0
10°	4924.1	4780.1	4636.0	4496.9	4358.0	4233.6	4109.0	4002.3	3895.4	3792.6
12.5°	5068.7	4910.4	4752.3	4594.8	4437.2	4290.4	4143.6	4022.8	3902.1	3794.1
15°	5156.6	4991.7	4826.7	4655.8	4484.9	4315.8	4146.8	4007.0	3867.2	3747.6
17.5°	5206.0	5038.8	4871.5	4685.0	4498.5	4302.3	4106.1	3938.0	3769.8	3629.1
20°	5260.5	5086.7	4912.8	4707.8	4502.9	4265.1	4027.3	3818.9	3610.5	3446.7
22.5°	5323.8	5146.2	4968.4	4738.6	4508.7	4219.5	3930.3	3679.3	3428.3	3241.8
25°	5405.2	5231.0	5057.1	4794.4	4531.7	4174.4	3817.3	3523.3	3229.4	3038.3
27.5°	5515.6	5349.6	5183.5	4881.7	4579.6	4144.3	3709.1	3380.7	3052.4	2878.4
30°	5664.6	5504.1	5343.8	4994.6	4645.3	4130.2	3614.9	3261.6	2908.2	2762.2
32.5°	5840.5	5681.6	5522.9	5112.4	4702.0	4112.8	3523.3	3158.8	2794.1	2676.4
35°	6054.1	5902.1	5749.9	5246.7	4743.6	4080.0	3416.6	3057.8	2698.9	2600.8
37.5°	6413.8	6219.9	6026.1	5397.2	4768.3	4023.7	3279.1	2938.9	2598.7	2512.9
40°	6957.4	6674.8	6392.3	5588.1	4783.8	3946.2	3108.8	2797.1	2485.3	2407.5
42.5°	7678.3	7270.4	6862.6	5838.0	4813.3	3866.3	2919.6	2640.5	2361.5	2289.8
45°	8568.5	8018.4	7468.3	6166.7	4865.2	3792.0	2719.0	2474.3	2229.5	2156.8
47.5°	9681.8	8907.5	8133.2	6517.0	4900.8	3730.7	2560.6	2342.7	2124.9	2031.1
50°	11141.0	9973.8	8806.4	6842.0	4877.6	3663.9	2450.1	2255.4	2060.6	1937.4
52.5°	12816.0	11093.7	9371.5	7053.0	4734.4	3550.9	2367.6	2197.8	2028.2	1886.5
55°	14599.3	12086.7	9574.2	7006.5	4438.7	3363.7	2288.8	2156.1	2023.4	1891.6
57.5°	16221.3	12790.4	9359.5	6679.2	3999.0	3099.8	2200.4	2106.7	2012.9	1896.7
60°	17201.6	12966.3	8730.8	6070.1	3409.4	2757.1	2104.8	2031.1	1957.4	1880.7
62.5°	16703.8	12225.8	7747.7	5246.5	2745.2	2346.9	1948.7	1899.7	1850.9	1841.4
65°	15707.5	11178.0	6648.5	4406.1	2163.8	1977.9	1792.0	1768.9	1745.8	1747.0
67.5°	14372.6	9931.2	5489.7	3582.9	1676.1	1623.3	1570.4	1583.3	1596.1	1592.9
70°	12768.8	8570.6	4372.5	2821.0	1269.5	1284.7	1299.6	1359.5	1419.2	1419.2
72.5°	10857.6	7095.7	3334.1	2156.7	979.3	1024.8	1070.4	1155.3	1240.0	1254.3
75°	8439.8	5405.0	2370.2	1565.3	760.4	801.7	843.0	938.0	1033.1	1098.8
77.5°	6030.1	3783.0	1535.9	1060.7	585.4	613.5	641.7	734.0	826.3	934.5
80°	3946.7	2437.3	928.0	683.4	438.9	450.6	462.2	540.4	618.4	747.8
82.5°	2294.2	1410.7	527.3	420.3	313.6	315.7	318.0	375.6	433.1	543.6
85°	1009.4	634.6	259.9	224.7	189.7	188.7	187.5	229.6	271.8	353.9
87.5°	312.5	207.8	103.2	93.2	83.1	82.1	81.1	98.2	115.5	149.7
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°
3787.5	0°	3787.5	3787.5	3787.5	3787.5	3787.5	3787.5	3787.5	3787.5	3787.5	3787.5
3748.0	2.5°	3720.1	3692.3	3667.2	3642.2	3620.3	3598.3	3576.2	3554.3	3537.3	3520.1
3714.9	5°	3662.3	3609.5	3565.3	3521.3	3482.3	3443.4	3408.1	3372.6	3345.4	3318.1
3702.9	7.5°	3632.9	3563.0	3504.9	3446.7	3397.7	3348.6	3305.3	3262.1	3229.7	3197.5
3708.8	10°	3634.9	3561.1	3503.0	3444.8	3392.1	3339.2	3290.5	3241.8	3203.1	3164.3
3716.0	12.5°	3655.6	3595.4	3556.7	3518.4	3476.8	3435.5	3385.1	3334.8	3285.4	3236.0
3685.1	15°	3656.2	3627.4	3632.6	3637.8	3627.1	3616.3	3572.6	3528.8	3458.5	3388.1
3590.6	17.5°	3601.2	3611.7	3675.0	3738.4	3772.1	3805.7	3770.4	3735.2	3642.1	3548.9
3436.5	20°	3486.0	3535.4	3645.4	3755.6	3826.1	3896.5	3880.3	3863.8	3757.3	3650.9
3261.7	22.5°	3334.8	3407.9	3533.5	3659.3	3751.1	3842.8	3852.6	3862.4	3760.6	3658.9
3092.1	25°	3176.4	3260.7	3373.6	3486.7	3576.9	3667.2	3700.9	3734.5	3651.1	3567.8
2943.8	27.5°	3025.2	3106.6	3199.5	3292.2	3364.6	3437.0	3474.5	3512.1	3452.7	3393.4
2813.5	30°	2878.0	2942.8	3019.9	3096.9	3156.9	3217.1	3247.6	3278.1	3232.9	3187.6
2699.2	32.5°	2737.5	2775.7	2837.2	2898.8	2956.3	3014.0	3047.9	3081.9	3040.3	2998.6
2591.4	35°	2601.9	2612.5	2659.4	2706.2	2763.2	2820.3	2861.0	2901.7	2872.0	2842.5
2478.3	37.5°	2466.7	2455.1	2488.8	2522.4	2579.2	2636.2	2686.4	2736.7	2723.1	2709.4
2354.5	40°	2328.2	2301.9	2326.2	2350.4	2405.4	2460.3	2518.1	2576.1	2579.5	2582.7
2223.0	42.5°	2188.1	2153.2	2173.0	2192.9	2244.9	2297.1	2359.6	2422.1	2438.8	2455.5
2092.2	45°	2058.1	2024.3	2040.9	2057.7	2107.1	2156.5	2221.4	2286.2	2310.2	2334.1
1975.4	47.5°	1947.0	1918.5	1934.2	1949.7	1998.1	2046.4	2110.3	2174.3	2201.9	2229.5
1872.7	50°	1847.4	1822.3	1846.7	1871.2	1916.9	1962.4	2019.6	2076.9	2112.4	2147.8
1796.1	52.5°	1771.1	1746.2	1783.0	1819.6	1861.5	1903.2	1956.6	2010.0	2052.0	2094.0
1755.4	55°	1715.9	1676.5	1728.7	1780.7	1825.7	1870.8	1917.6	1964.3	2008.7	2053.4
1731.0	57.5°	1673.4	1615.9	1672.0	1728.1	1781.0	1833.9	1880.1	1926.5	1971.4	2016.1
1708.0	60°	1633.5	1558.8	1608.0	1657.2	1717.9	1778.7	1825.6	1872.7	1917.7	1962.8
1681.3	62.5°	1588.0	1494.8	1526.1	1557.3	1628.1	1699.0	1749.2	1799.3	1840.6	1881.9
1624.9	65°	1525.8	1426.5	1438.6	1450.5	1526.4	1602.4	1650.3	1698.3	1734.6	1771.0
1524.3	67.5°	1441.8	1359.2	1355.4	1351.7	1421.7	1491.9	1537.4	1582.7	1614.1	1645.5
1396.7	70°	1338.0	1279.3	1266.2	1253.1	1314.7	1376.4	1415.6	1454.8	1483.2	1511.5
1254.6	72.5°	1214.3	1174.0	1154.9	1135.8	1184.4	1232.8	1268.2	1303.7	1331.5	1359.2
1093.2	75°	1062.3	1031.2	1012.9	994.4	1030.5	1066.5	1098.6	1130.7	1156.0	1181.3
931.6	77.5°	906.8	881.9	863.3	844.7	874.1	903.3	930.9	958.5	985.1	1011.6
747.3	80°	726.6	705.6	690.1	674.4	698.8	723.1	746.3	769.6	789.8	809.8
549.7	82.5°	539.5	529.3	518.3	507.2	505.2	503.2	495.0	486.9	529.9	572.9
361.9	85°	351.0	340.1	327.7	315.4	304.9	294.3	271.8	249.3	289.5	329.9
159.9	87.5°	155.5	151.2	148.8	146.5	146.1	145.6	128.5	111.2	128.0	145.0
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°
3787.5	0°	3787.5	3787.5	3787.5	3787.5	3787.5	3787.5	3787.5	3787.5	3787.5	3787.5
3506.3	2.5°	3492.5	3481.7	3471.0	3461.1	3451.1	3438.7	3451.1	3461.1	3471.0	3481.7
3299.1	5°	3280.0	3266.5	3253.0	3242.7	3232.3	3222.2	3232.3	3242.7	3253.0	3266.5
3174.8	7.5°	3152.1	3136.6	3121.2	3111.9	3102.7	3095.7	3102.7	3111.9	3121.2	3136.6
3139.0	10°	3113.5	3098.8	3084.1	3076.2	3068.4	3065.2	3068.4	3076.2	3084.1	3098.8
3203.3	12.5°	3170.6	3154.1	3137.9	3131.2	3124.5	3123.3	3124.5	3131.2	3137.9	3154.1
3338.4	15°	3288.7	3265.9	3243.2	3234.5	3225.8	3225.1	3225.8	3234.5	3243.2	3265.9
3475.6	17.5°	3402.4	3368.7	3334.8	3323.8	3312.6	3310.8	3312.6	3323.8	3334.8	3368.7
3561.1	20°	3471.4	3428.3	3384.9	3371.1	3357.3	3353.0	3357.3	3371.1	3384.9	3428.3
3566.5	22.5°	3473.9	3428.4	3382.8	3367.5	3352.2	3345.7	3352.2	3367.5	3382.8	3428.4
3485.5	25°	3403.6	3364.0	3324.6	3310.2	3296.0	3287.6	3296.0	3310.2	3324.6	3364.0
3329.6	27.5°	3265.8	3239.3	3212.7	3206.2	3199.6	3197.5	3199.6	3206.2	3212.7	3239.3
3141.9	30°	3096.0	3082.5	3068.8	3068.8	3068.8	3071.0	3068.8	3068.8	3068.8	3082.5
2962.2	32.5°	2925.7	2916.8	2907.9	2909.1	2910.4	2912.6	2910.4	2909.1	2907.9	2916.8
2808.8	35°	2775.3	2761.7	2748.4	2745.5	2742.5	2741.1	2742.5	2745.5	2748.4	2761.7
2678.5	37.5°	2647.4	2622.8	2598.4	2585.4	2572.5	2565.2	2572.5	2585.4	2598.4	2622.8
2556.4	40°	2530.1	2494.3	2458.8	2434.7	2410.9	2396.6	2410.9	2434.7	2458.8	2494.3
2433.3	42.5°	2411.2	2366.8	2322.5	2287.5	2252.5	2229.5	2252.5	2287.5	2322.5	2366.8
2314.1	45°	2294.2	2243.5	2192.9	2151.7	2110.6	2084.2	2110.6	2151.7	2192.9	2243.5
2215.5	47.5°	2201.6	2156.5	2111.5	2073.4	2035.5	2010.0	2035.5	2073.4	2111.5	2156.5
2146.9	50°	2146.4	2110.3	2074.3	2039.1	2003.9	1979.5	2003.9	2039.1	2074.3	2110.3
2101.6	52.5°	2109.2	2079.8	2050.4	2018.9	1987.5	1965.0	1987.5	2018.9	2050.4	2079.8
2063.8	55°	2074.3	2048.7	2023.1	1995.5	1967.9	1947.5	1967.9	1995.5	2023.1	2048.7
2026.8	57.5°	2037.4	2011.5	1985.6	1958.3	1930.8	1909.8	1930.8	1958.3	1985.6	2011.5
1974.4	60°	1986.1	1960.8	1935.6	1907.4	1879.2	1857.4	1879.2	1907.4	1935.6	1960.8
1893.0	62.5°	1904.2	1881.4	1858.6	1828.9	1799.3	1773.1	1799.3	1828.9	1858.6	1881.4
1782.4	65°	1793.8	1771.8	1749.9	1721.1	1692.5	1669.9	1692.5	1721.1	1749.9	1771.8
1656.7	67.5°	1667.8	1647.6	1627.5	1600.8	1574.0	1553.7	1574.0	1600.8	1627.5	1647.6
1522.3	70°	1533.0	1516.6	1500.2	1474.6	1449.0	1425.8	1449.0	1474.6	1500.2	1516.6
1372.0	72.5°	1384.8	1371.1	1357.5	1333.1	1308.8	1286.3	1308.8	1333.1	1357.5	1371.1
1194.7	75°	1208.1	1201.4	1194.7	1174.2	1153.7	1132.2	1153.7	1174.2	1194.7	1201.4
1024.1	77.5°	1036.6	1027.3	1017.7	997.0	976.4	959.2	976.4	997.0	1017.7	1027.3
826.4	80°	843.0	838.9	835.0	807.2	779.3	747.0	779.3	807.2	835.0	838.9
601.1	82.5°	629.3	627.6	625.7	602.3	578.7	558.1	578.7	602.3	625.7	627.6
364.8	85°	399.7	396.8	393.9	375.6	357.2	338.6	357.2	375.6	393.9	396.8
159.1	87.5°	173.2	169.8	166.0	156.7	147.1	138.1	147.1	156.7	166.0	169.8
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):

160°		165°	170°	175°	180°	185°	190°	195°	200°	205°	210°
3787.5	0°	3787.5	3787.5	3787.5	3787.5	3787.5	3787.5	3787.5	3787.5	3787.5	3787.5
3492.5	2.5°	3506.3	3520.1	3537.3	3554.3	3576.2	3598.3	3620.3	3642.2	3667.2	3692.3
3280.0	5°	3299.1	3318.1	3345.4	3372.6	3408.1	3443.4	3482.3	3521.3	3565.3	3609.5
3152.1	7.5°	3174.8	3197.5	3229.7	3262.1	3305.3	3348.6	3397.7	3446.7	3504.9	3563.0
3113.5	10°	3139.0	3164.3	3203.1	3241.8	3290.5	3339.2	3392.1	3444.8	3503.0	3561.1
3170.6	12.5°	3203.3	3236.0	3285.4	3334.8	3385.1	3435.5	3476.8	3518.4	3556.7	3595.4
3288.7	15°	3338.4	3388.1	3458.5	3528.8	3572.6	3616.3	3627.1	3637.8	3632.6	3627.4
3402.4	17.5°	3475.6	3548.9	3642.1	3735.2	3770.4	3805.7	3772.1	3738.4	3675.0	3611.7
3471.4	20°	3561.1	3650.9	3757.3	3863.8	3880.3	3896.5	3826.1	3755.6	3645.4	3535.4
3473.9	22.5°	3566.5	3658.9	3760.6	3862.4	3852.6	3842.8	3751.1	3659.3	3533.5	3407.9
3403.6	25°	3485.5	3567.8	3651.1	3734.5	3700.9	3667.2	3576.9	3486.7	3373.6	3260.7
3265.8	27.5°	3329.6	3393.4	3452.7	3512.1	3474.5	3437.0	3364.6	3292.2	3199.5	3106.6
3096.0	30°	3141.9	3187.6	3232.9	3278.1	3247.6	3217.1	3156.9	3096.9	3019.9	2942.8
2925.7	32.5°	2962.2	2998.6	3040.3	3081.9	3047.9	3014.0	2956.3	2898.8	2837.2	2775.7
2775.3	35°	2808.8	2842.5	2872.0	2901.7	2861.0	2820.3	2763.2	2706.2	2659.4	2612.5
2647.4	37.5°	2678.5	2709.4	2723.1	2736.7	2686.4	2636.2	2579.2	2522.4	2488.8	2455.1
2530.1	40°	2556.4	2582.7	2579.5	2576.1	2518.1	2460.3	2405.4	2350.4	2326.2	2301.9
2411.2	42.5°	2433.3	2455.5	2438.8	2422.1	2359.6	2297.1	2244.9	2192.9	2173.0	2153.2
2294.2	45°	2314.1	2334.1	2310.2	2286.2	2221.4	2156.5	2107.1	2057.7	2040.9	2024.3
2201.6	47.5°	2215.5	2229.5	2201.9	2174.3	2110.3	2046.4	1998.1	1949.7	1934.2	1918.5
2146.4	50°	2146.9	2147.8	2112.4	2076.9	2019.6	1962.4	1916.9	1871.2	1846.7	1822.3
2109.2	52.5°	2101.6	2094.0	2052.0	2010.0	1956.6	1903.2	1861.5	1819.6	1783.0	1746.2
2074.3	55°	2063.8	2053.4	2008.7	1964.3	1917.6	1870.8	1825.7	1780.7	1728.7	1676.5
2037.4	57.5°	2026.8	2016.1	1971.4	1926.5	1880.1	1833.9	1781.0	1728.1	1672.0	1615.9
1986.1	60°	1974.4	1962.8	1917.7	1872.7	1825.6	1778.7	1717.9	1657.2	1608.0	1558.8
1904.2	62.5°	1893.0	1881.9	1840.6	1799.3	1749.2	1699.0	1628.1	1557.3	1526.1	1494.8
1793.8	65°	1782.4	1771.0	1734.6	1698.3	1650.3	1602.4	1526.4	1450.5	1438.6	1426.5
1667.8	67.5°	1656.7	1645.5	1614.1	1582.7	1537.4	1491.9	1421.7	1351.7	1355.4	1359.2
1533.0	70°	1522.3	1511.5	1483.2	1454.8	1415.6	1376.4	1314.7	1253.1	1266.2	1279.3
1384.8	72.5°	1372.0	1359.2	1331.5	1303.7	1268.2	1232.8	1184.4	1135.8	1154.9	1174.0
1208.1	75°	1194.7	1181.3	1156.0	1130.7	1098.6	1066.5	1030.5	994.4	1012.9	1031.2
1036.6	77.5°	1024.1	1011.6	985.1	958.5	930.9	903.3	874.1	844.7	863.3	881.9
843.0	80°	826.4	809.8	789.8	769.6	746.3	723.1	698.8	674.4	690.1	705.6
629.3	82.5°	601.1	572.9	529.9	486.9	495.0	503.2	505.2	507.2	518.3	529.3
399.7	85°	364.8	329.9	289.5	249.3	271.8	294.3	304.9	315.4	327.7	340.1
173.2	87.5°	159.1	145.0	128.0	111.2	128.5	145.6	146.1	146.5	148.8	151.2
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

215°		220°	225°	230°	235°	240°	245°	250°	255°	260°	265°
3787.5	0°	3787.5	3787.5	3787.5	3787.5	3787.5	3787.5	3787.5	3787.5	3787.5	3787.5
3720.1	2.5°	3748.0	3782.5	3813.4	3845.4	3877.4	3910.8	3944.2	3977.4	4010.6	4041.9
3662.3	5°	3714.9	3775.2	3836.2	3900.9	3965.6	4034.8	4104.1	4172.8	4241.7	4310.8
3632.9	7.5°	3702.9	3781.0	3864.3	3954.5	4044.8	4147.3	4249.7	4354.9	4460.2	4574.0
3634.9	10°	3708.8	3792.6	3895.4	4002.3	4109.0	4233.6	4358.0	4496.9	4636.0	4780.1
3655.6	12.5°	3716.0	3794.1	3902.1	4022.8	4143.6	4290.4	4437.2	4594.8	4752.3	4910.4
3656.2	15°	3685.1	3747.6	3867.2	4007.0	4146.8	4315.8	4484.9	4655.8	4826.7	4991.7
3601.2	17.5°	3590.6	3629.1	3769.8	3938.0	4106.1	4302.3	4498.5	4685.0	4871.5	5038.8
3486.0	20°	3436.5	3446.7	3610.5	3818.9	4027.3	4265.1	4502.9	4707.8	4912.8	5086.7
3334.8	22.5°	3261.7	3241.8	3428.3	3679.3	3930.3	4219.5	4508.7	4738.6	4968.4	5146.2
3176.4	25°	3092.1	3038.3	3229.4	3523.3	3817.3	4174.4	4531.7	4794.4	5057.1	5231.0
3025.2	27.5°	2943.8	2878.4	3052.4	3380.7	3709.1	4144.3	4579.6	4881.7	5183.5	5349.6
2878.0	30°	2813.5	2762.2	2908.2	3261.6	3614.9	4130.2	4645.3	4994.6	5343.8	5504.1
2737.5	32.5°	2699.2	2676.4	2794.1	3158.8	3523.3	4112.8	4702.0	5112.4	5522.9	5681.6
2601.9	35°	2591.4	2600.8	2698.9	3057.8	3416.6	4080.0	4743.6	5246.7	5749.9	5902.1
2466.7	37.5°	2478.3	2512.9	2598.7	2938.9	3279.1	4023.7	4768.3	5397.2	6026.1	6219.9
2328.2	40°	2354.5	2407.5	2485.3	2797.1	3108.8	3946.2	4783.8	5588.1	6392.3	6674.8
2188.1	42.5°	2223.0	2289.8	2361.5	2640.5	2919.6	3866.3	4813.3	5838.0	6862.6	7270.4
2058.1	45°	2092.2	2156.8	2229.5	2474.3	2719.0	3792.0	4865.2	6166.7	7468.3	8018.4
1947.0	47.5°	1975.4	2031.1	2124.9	2342.7	2560.6	3730.7	4900.8	6517.0	8133.2	8907.5
1847.4	50°	1872.7	1937.4	2060.6	2255.4	2450.1	3663.9	4877.6	6842.0	8806.4	9973.8
1771.1	52.5°	1796.1	1886.5	2028.2	2197.8	2367.6	3550.9	4734.4	7053.0	9371.5	11093.7
1715.9	55°	1755.4	1891.6	2023.4	2156.1	2288.8	3363.7	4438.7	7006.5	9574.2	12086.7
1673.4	57.5°	1731.0	1896.7	2012.9	2106.7	2200.4	3099.8	3999.0	6679.2	9359.5	12790.4
1633.5	60°	1708.0	1880.7	1957.4	2031.1	2104.8	2757.1	3409.4	6070.1	8730.8	12966.3
1588.0	62.5°	1681.3	1841.4	1850.9	1899.7	1948.7	2346.9	2745.2	5246.5	7747.7	12225.8
1525.8	65°	1624.9	1747.0	1745.8	1768.9	1792.0	1977.9	2163.8	4406.1	6648.5	11178.0
1441.8	67.5°	1524.3	1592.9	1596.1	1583.3	1570.4	1623.3	1676.1	3582.9	5489.7	9931.2
1338.0	70°	1396.7	1419.2	1419.2	1359.5	1299.6	1284.7	1269.5	2821.0	4372.5	8570.6
1214.3	72.5°	1254.6	1254.3	1240.0	1155.3	1070.4	1024.8	979.3	2156.7	3334.1	7095.7
1062.3	75°	1093.2	1098.8	1033.1	938.0	843.0	801.7	760.4	1565.3	2370.2	5405.0
906.8	77.5°	931.6	934.5	826.3	734.0	641.7	613.5	585.4	1060.7	1535.9	3783.0
726.6	80°	747.3	747.8	618.4	540.4	462.2	450.6	438.9	683.4	928.0	2437.3
539.5	82.5°	549.7	543.6	433.1	375.6	318.0	315.7	313.6	420.3	527.3	1410.7
351.0	85°	361.9	353.9	271.8	229.6	187.5	188.7	189.7	224.7	259.9	634.6
155.5	87.5°	159.9	149.7	115.5	98.2	81.1	82.1	83.1	93.2	103.2	207.8
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°
3787.5	0°	3787.5	3787.5	3787.5	3787.5	3787.5	3787.5	3787.5	3787.5	3787.5	3787.5
4073.1	2.5°	4088.5	4104.1	4126.0	4148.0	4161.1	4174.1	4180.7	4187.2	4184.3	4187.2
4379.8	5°	4433.7	4487.8	4541.3	4594.9	4624.0	4653.0	4670.6	4688.3	4701.7	4688.3
4687.9	7.5°	4775.7	4863.3	4942.3	5021.2	5068.7	5116.2	5142.0	5167.5	5179.9	5167.5
4924.1	10°	5027.9	5131.6	5224.2	5316.8	5372.9	5428.7	5453.7	5478.6	5488.0	5478.6
5068.7	12.5°	5181.2	5293.5	5377.3	5460.7	5501.4	5542.1	5555.7	5569.4	5570.8	5569.4
5156.6	15°	5253.7	5350.7	5403.1	5455.7	5457.2	5458.6	5444.1	5429.6	5412.4	5429.6
5206.0	17.5°	5271.6	5337.1	5338.2	5339.0	5280.2	5221.3	5167.4	5113.3	5075.2	5113.3
5260.5	20°	5283.4	5306.3	5237.3	5168.3	5038.3	4908.4	4813.8	4719.2	4661.0	4719.2
5323.8	22.5°	5293.8	5263.9	5120.9	4977.9	4786.7	4595.6	4477.3	4359.0	4294.8	4359.0
5405.2	25°	5310.7	5216.2	4999.1	4781.9	4549.8	4317.7	4193.3	4069.2	4008.5	4069.2
5515.6	27.5°	5346.7	5177.7	4890.1	4602.6	4345.3	4088.1	3965.7	3843.5	3786.1	3843.5
5664.6	30°	5412.7	5161.0	4806.9	4452.9	4184.9	3916.9	3803.4	3689.9	3636.4	3689.9
5840.5	32.5°	5495.6	5150.8	4750.3	4349.7	4097.8	3846.0	3756.9	3667.6	3629.1	3667.6
6054.1	35°	5632.0	5210.1	4792.7	4375.4	4200.4	4025.6	4004.8	3984.0	3980.8	3984.0
6413.8	37.5°	5917.3	5420.9	5041.5	4662.2	4650.9	4639.5	4734.6	4829.6	4879.0	4829.6
6957.4	40°	6417.4	5877.5	5595.4	5313.3	5512.4	5711.5	5942.6	6173.7	6288.8	6173.7
7678.3	42.5°	7142.5	6606.8	6444.3	6281.8	6716.1	7150.4	7570.7	7991.0	8237.8	7991.0
8568.5	45°	8087.2	7605.9	7534.2	7462.4	8158.2	8854.1	9544.7	10235.5	10654.8	10235.5
9681.8	47.5°	9213.6	8745.3	8730.8	8716.3	9720.0	10723.4	11734.5	12745.5	13339.2	12745.5
11141.0	50°	10562.7	9984.5	9987.0	9989.4	11283.0	12576.5	13911.1	15245.8	16052.7	15245.8
12816.0	52.5°	12115.8	11415.7	11344.9	11274.0	12819.1	14364.2	16015.5	17666.7	18633.9	17666.7
14599.3	55°	13907.5	13215.7	12939.7	12663.7	14383.3	16102.8	18071.5	20040.1	21190.4	20040.1
16221.3	57.5°	15844.6	15467.7	14914.1	14360.7	16097.0	17833.4	20063.2	22292.8	23719.3	22292.8
17201.6	60°	17786.7	18372.0	17684.6	16997.1	18640.3	20283.5	22670.9	25058.2	26600.0	25058.2
16703.8	62.5°	18302.7	19901.6	19824.1	19746.5	21251.8	22757.2	25028.6	27299.8	28724.8	27299.8
15707.5	65°	17208.2	18708.8	19005.7	19302.5	21215.4	23128.5	25331.0	27533.3	28746.6	27533.3
14372.6	67.5°	15799.8	17227.0	17366.3	17505.4	19498.5	21491.6	23703.5	25915.4	26865.9	25915.4
12768.8	70°	14321.1	15873.6	15935.9	15998.2	17780.6	19562.9	21466.4	23369.8	23898.1	23369.8
10857.6	72.5°	12639.0	14420.5	14465.3	14509.9	15904.5	17299.0	18724.6	20150.1	20203.6	20150.1
8439.8	75°	10283.6	12127.4	12292.9	12458.5	13543.4	14628.4	15631.9	16635.5	16366.6	16635.5
6030.1	77.5°	7751.2	9472.5	9709.4	9946.3	10771.1	11595.9	12307.6	13019.5	12557.3	13019.5
3946.7	80°	5394.7	6842.6	7137.0	7431.5	8054.4	8677.0	9050.8	9424.5	8681.1	9424.5
2294.2	82.5°	3284.1	4274.1	4603.0	4932.1	5360.8	5789.6	5945.5	6101.3	5517.1	6101.3
1009.4	85°	1534.8	2060.2	2340.0	2619.7	2972.0	3324.2	3412.7	3501.2	3033.2	3501.2
312.5	87.5°	489.1	665.7	821.7	977.8	1154.0	1330.1	1337.7	1345.1	1129.3	1345.1
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

325°		330°	335°	340°	345°	350°	355°	360°
3787.5	0°	3787.5	3787.5	3787.5	3787.5	3787.5	3787.5	3787.5
4180.7	2.5°	4174.1	4161.1	4148.0	4126.0	4104.1	4088.5	4073.1
4670.6	5°	4653.0	4624.0	4594.9	4541.3	4487.8	4433.7	4379.8
5142.0	7.5°	5116.2	5068.7	5021.2	4942.3	4863.3	4775.7	4687.9
5453.7	10°	5428.7	5372.9	5316.8	5224.2	5131.6	5027.9	4924.1
5555.7	12.5°	5542.1	5501.4	5460.7	5377.3	5293.5	5181.2	5068.7
5444.1	15°	5458.6	5457.2	5455.7	5403.1	5350.7	5253.7	5156.6
5167.4	17.5°	5221.3	5280.2	5339.0	5338.2	5337.1	5271.6	5206.0
4813.8	20°	4908.4	5038.3	5168.3	5237.3	5306.3	5283.4	5260.5
4477.3	22.5°	4595.6	4786.7	4977.9	5120.9	5263.9	5293.8	5323.8
4193.3	25°	4317.7	4549.8	4781.9	4999.1	5216.2	5310.7	5405.2
3965.7	27.5°	4088.1	4345.3	4602.6	4890.1	5177.7	5346.7	5515.6
3803.4	30°	3916.9	4184.9	4452.9	4806.9	5161.0	5412.7	5664.6
3756.9	32.5°	3846.0	4097.8	4349.7	4750.3	5150.8	5495.6	5840.5
4004.8	35°	4025.6	4200.4	4375.4	4792.7	5210.1	5632.0	6054.1
4734.6	37.5°	4639.5	4650.9	4662.2	5041.5	5420.9	5917.3	6413.8
5942.6	40°	5711.5	5512.4	5313.3	5595.4	5877.5	6417.4	6957.4
7570.7	42.5°	7150.4	6716.1	6281.8	6444.3	6606.8	7142.5	7678.3
9544.7	45°	8854.1	8158.2	7462.4	7534.2	7605.9	8087.2	8568.5
11734.5	47.5°	10723.4	9720.0	8716.3	8730.8	8745.3	9213.6	9681.8
13911.1	50°	12576.5	11283.0	9989.4	9987.0	9984.5	10562.7	11141.0
16015.5	52.5°	14364.2	12819.1	11274.0	11344.9	11415.7	12115.8	12816.0
18071.5	55°	16102.8	14383.3	12663.7	12939.7	13215.7	13907.5	14599.3
20063.2	57.5°	17833.4	16097.0	14360.7	14914.1	15467.7	15844.6	16221.3
22670.9	60°	20283.5	18640.3	16997.1	17684.6	18372.0	17786.7	17201.6
25028.6	62.5°	22757.2	21251.8	19746.5	19824.1	19901.6	18302.7	16703.8
25331.0	65°	23128.5	21215.4	19302.5	19005.7	18708.8	17208.2	15707.5
23703.5	67.5°	21491.6	19498.5	17505.4	17366.3	17227.0	15799.8	14372.6
21466.4	70°	19562.9	17780.6	15998.2	15935.9	15873.6	14321.1	12768.8
18724.6	72.5°	17299.0	15904.5	14509.9	14465.3	14420.5	12639.0	10857.6
15631.9	75°	14628.4	13543.4	12458.5	12292.9	12127.4	10283.6	8439.8
12307.6	77.5°	11595.9	10771.1	9946.3	9709.4	9472.5	7751.2	6030.1
9050.8	80°	8677.0	8054.4	7431.5	7137.0	6842.6	5394.7	3946.7
5945.5	82.5°	5789.6	5360.8	4932.1	4603.0	4274.1	3284.1	2294.2
3412.7	85°	3324.2	2972.0	2619.7	2340.0	2060.2	1534.8	1009.4
1337.7	87.5°	1330.1	1154.0	977.8	821.7	665.7	489.1	312.5
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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