

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: P952990

Luminaire Tested: **GALN-SB6C-935-U-SLR**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P952990
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-935-U-SLR
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(6) 90 CRI, 3500K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 31479 lumens
Efficiency: N/A
Efficacy: 104.6 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B3 - U0 - G5

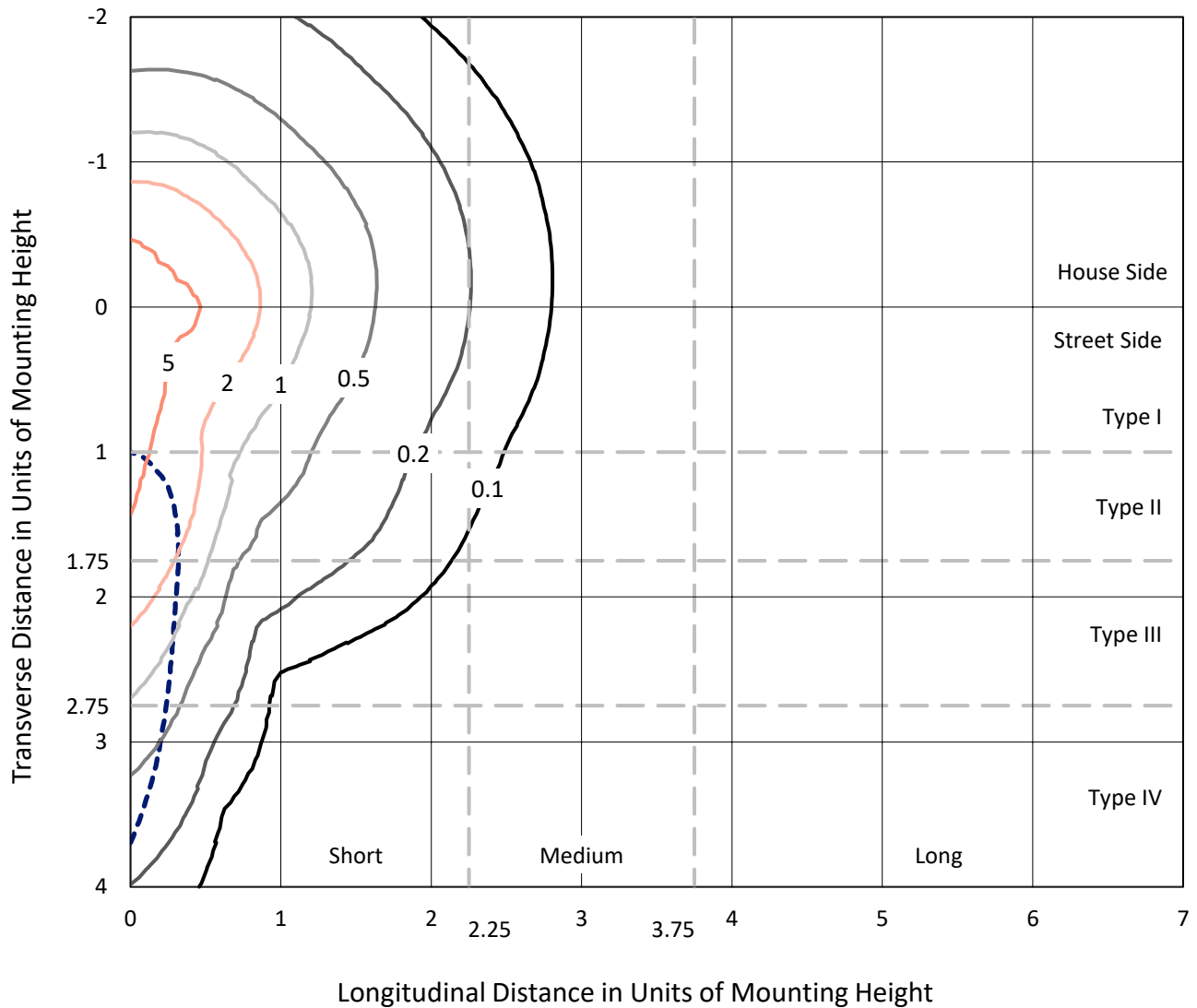
Input Watts (W): 300.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

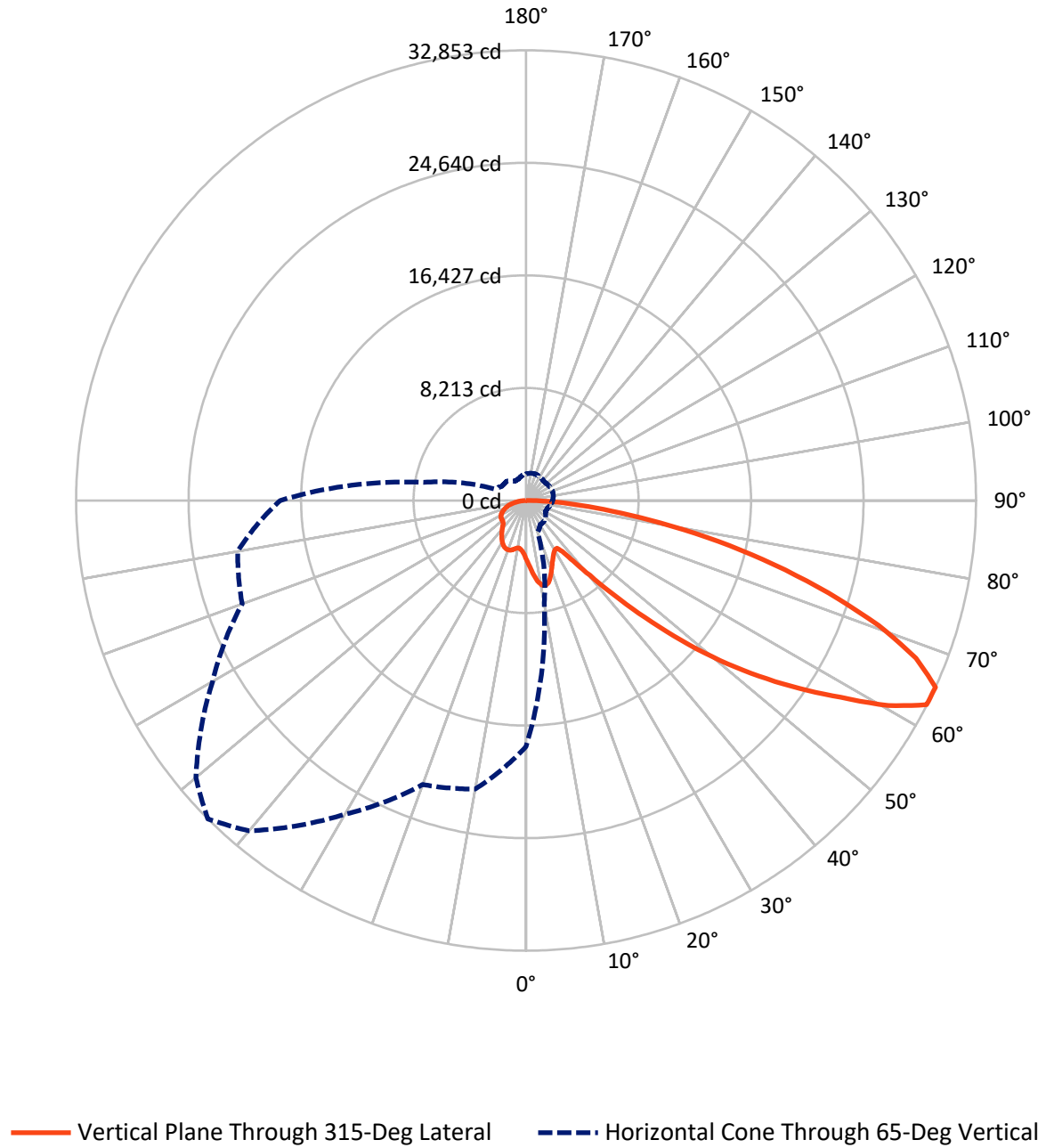
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 8.6 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	8000.4	0.0	8000.4
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	23478.6	0.0	23478.6
	% Fixture	74.6	0.0	74.6
Total	Lumens	31479.0	0.0	31479.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	429.4	1.4
10°-20°	1348.0	4.3
20°-30°	2082.1	6.6
30°-40°	2638.6	8.4
40°-50°	3979.7	12.6
50°-60°	6429.7	20.4
60°-70°	8015.7	25.5
70°-80°	5256.3	16.7
80°-90°	1299.5	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°	31479.0	100.0
0°-180°	31479.0	100.0

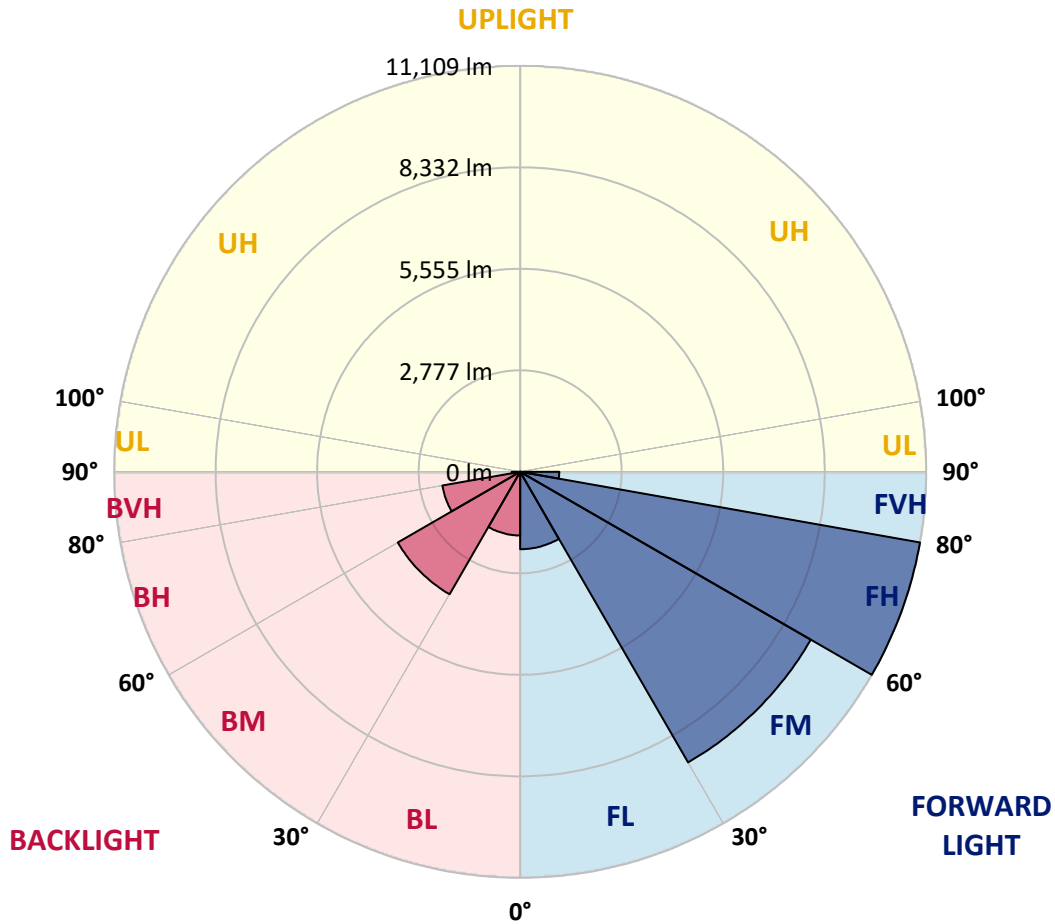


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	2117.3	6.7			
FM (30°-60°)	9181.7	29.2			
FH (60°-80°)	11109.1	35.3			G4/12000
FVH (80°-90°)	1070.5	3.4			G5
BL (0°-30°)	1742.2	5.5	B3/2500		
BM (30°-60°)	3866.3	12.3	B3/5000		
BH (60°-80°)	2162.9	6.9	B3/2500		G3/2500
BVH (80°-90°)	229.0	0.7			G3/500
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°	4328.6	4328.6	4328.6	4328.6	4328.6	4328.6	4328.6	4328.6	4328.6	4328.6
2.5°	4655.0	4619.3	4583.6	4545.6	4507.7	4469.5	4431.3	4394.7	4358.2	4322.8
5°	5005.5	4926.6	4847.7	4769.0	4690.4	4611.2	4532.1	4458.2	4384.3	4314.5
7.5°	5357.6	5227.4	5097.4	4977.1	4856.8	4739.7	4622.6	4519.5	4416.3	4321.2
10°	5627.6	5462.9	5298.3	5139.4	4980.6	4838.4	4696.1	4574.1	4451.9	4334.4
12.5°	5792.8	5611.9	5431.2	5251.2	5071.1	4903.3	4735.6	4597.6	4459.5	4336.1
15°	5893.3	5704.8	5516.3	5320.9	5125.6	4932.4	4739.2	4579.4	4419.7	4283.0
17.5°	5949.8	5758.6	5567.4	5354.3	5141.2	4917.0	4692.7	4500.5	4308.4	4147.6
20°	6012.1	5813.4	5614.6	5380.4	5146.2	4874.4	4602.7	4364.5	4126.3	3939.1
22.5°	6084.3	5881.4	5678.2	5415.6	5152.8	4822.3	4491.7	4204.9	3918.0	3704.9
25°	6177.4	5978.4	5779.5	5479.4	5179.1	4770.8	4362.7	4026.7	3690.8	3472.4
27.5°	6303.6	6113.9	5924.0	5579.1	5233.9	4736.4	4238.9	3863.7	3488.5	3289.7
30°	6473.8	6290.5	6107.3	5708.1	5309.0	4720.3	4131.3	3727.5	3323.7	3156.8
32.5°	6674.8	6493.3	6311.9	5842.8	5373.8	4700.4	4026.7	3610.1	3193.3	3058.8
35°	6919.0	6745.3	6571.4	5996.3	5421.3	4662.8	3904.7	3494.6	3084.5	2972.4
37.5°	7330.1	7108.5	6886.9	6168.2	5449.5	4598.6	3747.6	3358.8	2969.9	2871.9
40°	7951.3	7628.4	7305.5	6386.5	5467.3	4510.0	3552.9	3196.6	2840.4	2751.5
42.5°	8775.2	8309.1	7843.0	6672.0	5501.0	4418.7	3336.7	3017.8	2698.8	2616.9
45°	9792.6	9163.9	8535.2	7047.7	5560.3	4333.8	3107.4	2827.7	2548.0	2465.0
47.5°	11064.9	10180.1	9295.1	7448.0	5601.0	4263.7	2926.4	2677.4	2428.4	2321.3
50°	12732.6	11398.6	10064.5	7819.4	5574.4	4187.3	2800.2	2577.6	2355.0	2214.1
52.5°	14646.9	12678.6	10710.3	8060.6	5410.8	4058.2	2705.8	2511.8	2318.0	2156.0
55°	16685.0	13813.4	10942.0	8007.5	5072.8	3844.3	2615.8	2464.1	2312.5	2161.8
57.5°	18538.7	14617.7	10696.7	7633.4	4570.3	3542.6	2514.8	2407.7	2300.5	2167.6
60°	19659.1	14818.7	9978.1	6937.3	3896.4	3151.0	2405.5	2321.3	2237.1	2149.4
62.5°	19090.2	13972.4	8854.6	5996.0	3137.3	2682.2	2227.1	2171.1	2115.3	2104.5
65°	17951.5	12775.0	7598.4	5035.6	2472.9	2260.5	2048.0	2021.6	1995.2	1996.6
67.5°	16425.9	11350.0	6274.0	4094.8	1915.5	1855.2	1794.7	1809.5	1824.1	1820.5
70°	14592.9	9795.1	4997.2	3224.1	1450.9	1468.2	1485.3	1553.7	1622.0	1622.0
72.5°	12408.7	8109.5	3810.4	2464.8	1119.2	1171.2	1223.3	1320.3	1417.2	1433.5
75°	9645.6	6177.2	2708.8	1788.9	869.0	916.2	963.4	1072.0	1180.7	1255.7
77.5°	6891.6	4323.5	1755.4	1212.2	669.1	701.1	733.3	838.8	944.3	1068.0
80°	4510.5	2785.5	1060.6	781.0	501.6	514.9	528.2	617.6	706.8	854.6
82.5°	2621.9	1612.2	602.6	480.4	358.4	360.8	363.4	429.2	495.0	621.2
85°	1153.6	725.2	297.0	256.8	216.8	215.6	214.3	262.4	310.6	404.5
87.5°	357.1	237.5	117.9	106.5	95.0	93.8	92.7	112.3	132.1	171.1
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°
4328.6	0°	4328.6	4328.6	4328.6	4328.6	4328.6	4328.6	4328.6	4328.6	4328.6	4328.6
4283.5	2.5°	4251.6	4219.8	4191.1	4162.5	4137.4	4112.4	4087.1	4062.0	4042.6	4023.0
4245.6	5°	4185.5	4125.2	4074.7	4024.3	3979.8	3935.3	3894.9	3854.4	3823.3	3792.1
4232.0	7.5°	4151.9	4072.0	4005.6	3939.1	3883.1	3827.0	3777.5	3728.2	3691.1	3654.3
4238.6	10°	4154.2	4069.8	4003.4	3937.0	3876.7	3816.2	3760.6	3704.9	3660.7	3616.4
4246.9	12.5°	4177.8	4109.0	4064.9	4021.0	3973.5	3926.3	3868.7	3811.2	3754.7	3698.3
4211.5	15°	4178.5	4145.6	4151.6	4157.5	4145.3	4133.0	4083.0	4033.0	3952.6	3872.2
4103.6	17.5°	4115.7	4127.6	4200.1	4272.5	4311.0	4349.4	4309.0	4268.8	4162.4	4055.9
3927.5	20°	3984.0	4040.4	4166.2	4292.1	4372.7	4453.2	4434.6	4415.8	4294.1	4172.5
3727.7	22.5°	3811.2	3894.8	4038.3	4182.1	4286.9	4391.8	4403.0	4414.2	4297.9	4181.6
3533.8	25°	3630.2	3726.5	3855.6	3984.8	4088.0	4191.1	4229.6	4268.0	4172.7	4077.5
3364.4	27.5°	3457.4	3550.4	3656.6	3762.6	3845.3	3928.0	3970.8	4013.9	3945.9	3878.2
3215.4	30°	3289.2	3363.2	3451.3	3539.3	3607.9	3676.7	3711.6	3746.4	3694.8	3643.0
3084.9	32.5°	3128.5	3172.2	3242.5	3312.9	3378.7	3444.6	3483.3	3522.2	3474.7	3427.0
2961.6	35°	2973.6	2985.7	3039.3	3092.8	3157.9	3223.2	3269.7	3316.2	3282.4	3248.6
2832.4	37.5°	2819.1	2805.8	2844.3	2882.7	2947.7	3012.8	3070.2	3127.7	3112.1	3096.5
2690.9	40°	2660.8	2630.7	2658.5	2686.2	2749.0	2811.8	2877.9	2944.2	2948.0	2951.6
2540.5	42.5°	2500.7	2460.8	2483.4	2506.2	2565.6	2625.3	2696.7	2768.1	2787.2	2806.3
2391.0	45°	2352.2	2313.5	2332.4	2351.7	2408.2	2464.6	2538.7	2612.8	2640.2	2667.6
2257.7	47.5°	2225.1	2192.6	2210.5	2228.3	2283.6	2338.7	2411.8	2484.9	2516.5	2548.0
2140.2	50°	2111.3	2082.6	2110.5	2138.6	2190.7	2242.7	2308.2	2373.6	2414.1	2454.7
2052.7	52.5°	2024.1	1995.7	2037.7	2079.6	2127.4	2175.1	2236.1	2297.2	2345.2	2393.2
2006.2	55°	1961.0	1916.0	1975.6	2035.1	2086.6	2138.1	2191.6	2244.9	2295.7	2346.7
1978.3	57.5°	1912.5	1846.7	1910.8	1975.0	2035.4	2095.9	2148.7	2201.7	2253.0	2304.2
1952.0	60°	1866.8	1781.5	1837.8	1893.9	1963.3	2032.8	2086.4	2140.2	2191.7	2243.2
1921.5	62.5°	1814.8	1708.4	1744.1	1779.8	1860.7	1941.7	1999.0	2056.4	2103.5	2150.7
1857.0	65°	1743.7	1630.3	1644.1	1657.7	1744.4	1831.3	1886.1	1940.9	1982.4	2024.0
1742.1	67.5°	1647.7	1553.4	1549.1	1544.8	1624.8	1705.0	1757.0	1808.9	1844.7	1880.6
1596.2	70°	1529.1	1462.0	1447.1	1432.1	1502.6	1573.0	1617.8	1662.7	1695.1	1727.5
1433.8	72.5°	1387.8	1341.8	1319.9	1298.1	1353.6	1408.9	1449.4	1489.9	1521.7	1553.4
1249.4	75°	1214.0	1178.5	1157.6	1136.5	1177.7	1218.9	1255.6	1292.3	1321.2	1350.1
1064.7	77.5°	1036.3	1007.9	986.6	965.4	998.9	1032.3	1063.9	1095.4	1125.8	1156.1
854.1	80°	830.3	806.4	788.7	770.7	798.6	826.4	852.9	879.5	902.6	925.5
628.2	82.5°	616.6	604.9	592.3	579.7	577.4	575.0	565.7	556.4	605.6	654.8
413.6	85°	401.1	388.7	374.6	360.4	348.5	336.4	310.6	284.9	330.9	377.1
182.7	87.5°	177.7	172.7	170.1	167.4	166.9	166.4	146.8	127.1	146.3	165.8
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):

105°		110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
4328.6	0°	4328.6	4328.6	4328.6	4328.6	4328.6	4328.6	4328.6	4328.6	4328.6	4328.6
4007.2	2.5°	3991.4	3979.2	3966.9	3955.6	3944.1	3930.0	3944.1	3955.6	3966.9	3979.2
3770.4	5°	3748.6	3733.2	3717.7	3705.9	3694.1	3682.5	3694.1	3705.9	3717.7	3733.2
3628.3	7.5°	3602.4	3584.7	3567.1	3556.4	3546.0	3538.0	3546.0	3556.4	3567.1	3584.7
3587.5	10°	3558.2	3541.5	3524.7	3515.7	3506.8	3503.1	3506.8	3515.7	3524.7	3541.5
3660.9	12.5°	3623.5	3604.8	3586.2	3578.5	3570.9	3569.5	3570.9	3578.5	3586.2	3604.8
3815.4	15°	3758.6	3732.5	3706.6	3696.6	3686.6	3685.8	3686.6	3696.6	3706.6	3732.5
3972.2	17.5°	3888.5	3849.9	3811.2	3798.6	3785.8	3783.8	3785.8	3798.6	3811.2	3849.9
4069.8	20°	3967.4	3918.0	3868.5	3852.7	3837.0	3832.0	3837.0	3852.7	3868.5	3918.0
4076.0	22.5°	3970.2	3918.2	3866.0	3848.6	3831.2	3823.7	3831.2	3848.6	3866.0	3918.2
3983.5	25°	3889.8	3844.6	3799.6	3783.2	3766.9	3757.2	3766.9	3783.2	3799.6	3844.6
3805.2	27.5°	3732.3	3702.1	3671.7	3664.2	3656.7	3654.3	3656.7	3664.2	3671.7	3702.1
3590.8	30°	3538.3	3522.9	3507.3	3507.3	3507.3	3509.7	3507.3	3507.3	3507.3	3522.9
3385.3	32.5°	3343.6	3333.5	3323.4	3324.7	3326.2	3328.7	3326.2	3324.7	3323.4	3333.5
3210.1	35°	3171.7	3156.3	3141.0	3137.7	3134.4	3132.7	3134.4	3137.7	3141.0	3156.3
3061.1	37.5°	3025.6	2997.5	2969.6	2954.8	2940.0	2931.7	2940.0	2954.8	2969.6	2997.5
2921.6	40°	2891.5	2850.7	2810.1	2782.6	2755.3	2739.0	2755.3	2782.6	2810.1	2850.7
2780.9	42.5°	2755.6	2705.0	2654.3	2614.3	2574.3	2548.0	2574.3	2614.3	2654.3	2705.0
2644.7	45°	2621.9	2564.0	2506.2	2459.1	2412.1	2381.9	2412.1	2459.1	2506.2	2564.0
2532.1	47.5°	2516.1	2464.6	2413.1	2369.6	2326.3	2297.2	2326.3	2369.6	2413.1	2464.6
2453.7	50°	2453.0	2411.8	2370.6	2330.4	2290.2	2262.3	2290.2	2330.4	2370.6	2411.8
2401.8	52.5°	2410.5	2376.9	2343.4	2307.3	2271.5	2245.7	2271.5	2307.3	2343.4	2376.9
2358.7	55°	2370.6	2341.4	2312.1	2280.6	2249.0	2225.8	2249.0	2280.6	2312.1	2341.4
2316.3	57.5°	2328.4	2298.9	2269.3	2238.1	2206.7	2182.6	2206.7	2238.1	2269.3	2298.9
2256.5	60°	2269.8	2240.9	2212.2	2179.9	2147.7	2122.8	2147.7	2179.9	2212.2	2240.9
2163.5	62.5°	2176.3	2150.2	2124.1	2090.2	2056.4	2026.5	2056.4	2090.2	2124.1	2150.2
2037.1	65°	2050.0	2025.0	1999.9	1967.0	1934.3	1908.5	1934.3	1967.0	1999.9	2025.0
1893.4	67.5°	1906.0	1882.9	1860.0	1829.5	1798.9	1775.6	1798.9	1829.5	1860.0	1882.9
1739.8	70°	1752.1	1733.3	1714.5	1685.3	1656.0	1629.5	1656.0	1685.3	1714.5	1733.3
1568.0	72.5°	1582.6	1567.0	1551.4	1523.5	1495.8	1470.0	1495.8	1523.5	1551.4	1567.0
1365.4	75°	1380.6	1373.0	1365.4	1341.9	1318.5	1293.9	1318.5	1341.9	1365.4	1373.0
1170.4	77.5°	1184.6	1174.0	1163.1	1139.5	1115.9	1096.3	1115.9	1139.5	1163.1	1174.0
944.5	80°	963.4	958.7	954.3	922.5	890.6	853.8	890.6	922.5	954.3	958.7
687.0	82.5°	719.2	717.2	715.1	688.3	661.4	637.8	661.4	688.3	715.1	717.2
416.9	85°	456.8	453.5	450.1	429.2	408.3	387.0	408.3	429.2	450.1	453.5
181.9	87.5°	198.0	194.0	189.7	179.1	168.1	157.8	168.1	179.1	189.7	194.0
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):

160°		165°	170°	175°	180°	185°	190°	195°	200°	205°	210°
4328.6	0°	4328.6	4328.6	4328.6	4328.6	4328.6	4328.6	4328.6	4328.6	4328.6	4328.6
3991.4	2.5°	4007.2	4023.0	4042.6	4062.0	4087.1	4112.4	4137.4	4162.5	4191.1	4219.8
3748.6	5°	3770.4	3792.1	3823.3	3854.4	3894.9	3935.3	3979.8	4024.3	4074.7	4125.2
3602.4	7.5°	3628.3	3654.3	3691.1	3728.2	3777.5	3827.0	3883.1	3939.1	4005.6	4072.0
3558.2	10°	3587.5	3616.4	3660.7	3704.9	3760.6	3816.2	3876.7	3937.0	4003.4	4069.8
3623.5	12.5°	3660.9	3698.3	3754.7	3811.2	3868.7	3926.3	3973.5	4021.0	4064.9	4109.0
3758.6	15°	3815.4	3872.2	3952.6	4033.0	4083.0	4133.0	4145.3	4157.5	4151.6	4145.6
3888.5	17.5°	3972.2	4055.9	4162.4	4268.8	4309.0	4349.4	4311.0	4272.5	4200.1	4127.6
3967.4	20°	4069.8	4172.5	4294.1	4415.8	4434.6	4453.2	4372.7	4292.1	4166.2	4040.4
3970.2	22.5°	4076.0	4181.6	4297.9	4414.2	4403.0	4391.8	4286.9	4182.1	4038.3	3894.8
3889.8	25°	3983.5	4077.5	4172.7	4268.0	4229.6	4191.1	4088.0	3984.8	3855.6	3726.5
3732.3	27.5°	3805.2	3878.2	3945.9	4013.9	3970.8	3928.0	3845.3	3762.6	3656.6	3550.4
3538.3	30°	3590.8	3643.0	3694.8	3746.4	3711.6	3676.7	3607.9	3539.3	3451.3	3363.2
3343.6	32.5°	3385.3	3427.0	3474.7	3522.2	3483.3	3444.6	3378.7	3312.9	3242.5	3172.2
3171.7	35°	3210.1	3248.6	3282.4	3316.2	3269.7	3223.2	3157.9	3092.8	3039.3	2985.7
3025.6	37.5°	3061.1	3096.5	3112.1	3127.7	3070.2	3012.8	2947.7	2882.7	2844.3	2805.8
2891.5	40°	2921.6	2951.6	2948.0	2944.2	2877.9	2811.8	2749.0	2686.2	2658.5	2630.7
2755.6	42.5°	2780.9	2806.3	2787.2	2768.1	2696.7	2625.3	2565.6	2506.2	2483.4	2460.8
2621.9	45°	2644.7	2667.6	2640.2	2612.8	2538.7	2464.6	2408.2	2351.7	2332.4	2313.5
2516.1	47.5°	2532.1	2548.0	2516.5	2484.9	2411.8	2338.7	2283.6	2228.3	2210.5	2192.6
2453.0	50°	2453.7	2454.7	2414.1	2373.6	2308.2	2242.7	2190.7	2138.6	2110.5	2082.6
2410.5	52.5°	2401.8	2393.2	2345.2	2297.2	2236.1	2175.1	2127.4	2079.6	2037.7	1995.7
2370.6	55°	2358.7	2346.7	2295.7	2244.9	2191.6	2138.1	2086.6	2035.1	1975.6	1916.0
2328.4	57.5°	2316.3	2304.2	2253.0	2201.7	2148.7	2095.9	2035.4	1975.0	1910.8	1846.7
2269.8	60°	2256.5	2243.2	2191.7	2140.2	2086.4	2032.8	1963.3	1893.9	1837.8	1781.5
2176.3	62.5°	2163.5	2150.7	2103.5	2056.4	1999.0	1941.7	1860.7	1779.8	1744.1	1708.4
2050.0	65°	2037.1	2024.0	1982.4	1940.9	1886.1	1831.3	1744.4	1657.7	1644.1	1630.3
1906.0	67.5°	1893.4	1880.6	1844.7	1808.9	1757.0	1705.0	1624.8	1544.8	1549.1	1553.4
1752.1	70°	1739.8	1727.5	1695.1	1662.7	1617.8	1573.0	1502.6	1432.1	1447.1	1462.0
1582.6	72.5°	1568.0	1553.4	1521.7	1489.9	1449.4	1408.9	1353.6	1298.1	1319.9	1341.8
1380.6	75°	1365.4	1350.1	1321.2	1292.3	1255.6	1218.9	1177.7	1136.5	1157.6	1178.5
1184.6	77.5°	1170.4	1156.1	1125.8	1095.4	1063.9	1032.3	998.9	965.4	986.6	1007.9
963.4	80°	944.5	925.5	902.6	879.5	852.9	826.4	798.6	770.7	788.7	806.4
719.2	82.5°	687.0	654.8	605.6	556.4	565.7	575.0	577.4	579.7	592.3	604.9
456.8	85°	416.9	377.1	330.9	284.9	310.6	336.4	348.5	360.4	374.6	388.7
198.0	87.5°	181.9	165.8	146.3	127.1	146.8	166.4	166.9	167.4	170.1	172.7
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

215°		220°	225°	230°	235°	240°	245°	250°	255°	260°	265°
4328.6	0°	4328.6	4328.6	4328.6	4328.6	4328.6	4328.6	4328.6	4328.6	4328.6	4328.6
4251.6	2.5°	4283.5	4322.8	4358.2	4394.7	4431.3	4469.5	4507.7	4545.6	4583.6	4619.3
4185.5	5°	4245.6	4314.5	4384.3	4458.2	4532.1	4611.2	4690.4	4769.0	4847.7	4926.6
4151.9	7.5°	4232.0	4321.2	4416.3	4519.5	4622.6	4739.7	4856.8	4977.1	5097.4	5227.4
4154.2	10°	4238.6	4334.4	4451.9	4574.1	4696.1	4838.4	4980.6	5139.4	5298.3	5462.9
4177.8	12.5°	4246.9	4336.1	4459.5	4597.6	4735.6	4903.3	5071.1	5251.2	5431.2	5611.9
4178.5	15°	4211.5	4283.0	4419.7	4579.4	4739.2	4932.4	5125.6	5320.9	5516.3	5704.8
4115.7	17.5°	4103.6	4147.6	4308.4	4500.5	4692.7	4917.0	5141.2	5354.3	5567.4	5758.6
3984.0	20°	3927.5	3939.1	4126.3	4364.5	4602.7	4874.4	5146.2	5380.4	5614.6	5813.4
3811.2	22.5°	3727.7	3704.9	3918.0	4204.9	4491.7	4822.3	5152.8	5415.6	5678.2	5881.4
3630.2	25°	3533.8	3472.4	3690.8	4026.7	4362.7	4770.8	5179.1	5479.4	5779.5	5978.4
3457.4	27.5°	3364.4	3289.7	3488.5	3863.7	4238.9	4736.4	5233.9	5579.1	5924.0	6113.9
3289.2	30°	3215.4	3156.8	3323.7	3727.5	4131.3	4720.3	5309.0	5708.1	6107.3	6290.5
3128.5	32.5°	3084.9	3058.8	3193.3	3610.1	4026.7	4700.4	5373.8	5842.8	6311.9	6493.3
2973.6	35°	2961.6	2972.4	3084.5	3494.6	3904.7	4662.8	5421.3	5996.3	6571.4	6745.3
2819.1	37.5°	2832.4	2871.9	2969.9	3358.8	3747.6	4598.6	5449.5	6168.2	6886.9	7108.5
2660.8	40°	2690.9	2751.5	2840.4	3196.6	3552.9	4510.0	5467.3	6386.5	7305.5	7628.4
2500.7	42.5°	2540.5	2616.9	2698.8	3017.8	3336.7	4418.7	5501.0	6672.0	7843.0	8309.1
2352.2	45°	2391.0	2465.0	2548.0	2827.7	3107.4	4333.8	5560.3	7047.7	8535.2	9163.9
2225.1	47.5°	2257.7	2321.3	2428.4	2677.4	2926.4	4263.7	5601.0	7448.0	9295.1	10180.1
2111.3	50°	2140.2	2214.1	2355.0	2577.6	2800.2	4187.3	5574.4	7819.4	10064.5	11398.6
2024.1	52.5°	2052.7	2156.0	2318.0	2511.8	2705.8	4058.2	5410.8	8060.6	10710.3	12678.6
1961.0	55°	2006.2	2161.8	2312.5	2464.1	2615.8	3844.3	5072.8	8007.5	10942.0	13813.4
1912.5	57.5°	1978.3	2167.6	2300.5	2407.7	2514.8	3542.6	4570.3	7633.4	10696.7	14617.7
1866.8	60°	1952.0	2149.4	2237.1	2321.3	2405.5	3151.0	3896.4	6937.3	9978.1	14818.7
1814.8	62.5°	1921.5	2104.5	2115.3	2171.1	2227.1	2682.2	3137.3	5996.0	8854.6	13972.4
1743.7	65°	1857.0	1996.6	1995.2	2021.6	2048.0	2260.5	2472.9	5035.6	7598.4	12775.0
1647.7	67.5°	1742.1	1820.5	1824.1	1809.5	1794.7	1855.2	1915.5	4094.8	6274.0	11350.0
1529.1	70°	1596.2	1622.0	1622.0	1553.7	1485.3	1468.2	1450.9	3224.1	4997.2	9795.1
1387.8	72.5°	1433.8	1433.5	1417.2	1320.3	1223.3	1171.2	1119.2	2464.8	3810.4	8109.5
1214.0	75°	1249.4	1255.7	1180.7	1072.0	963.4	916.2	869.0	1788.9	2708.8	6177.2
1036.3	77.5°	1064.7	1068.0	944.3	838.8	733.3	701.1	669.1	1212.2	1755.4	4323.5
830.3	80°	854.1	854.6	706.8	617.6	528.2	514.9	501.6	781.0	1060.6	2785.5
616.6	82.5°	628.2	621.2	495.0	429.2	363.4	360.8	358.4	480.4	602.6	1612.2
401.1	85°	413.6	404.5	310.6	262.4	214.3	215.6	216.8	256.8	297.0	725.2
177.7	87.5°	182.7	171.1	132.1	112.3	92.7	93.8	95.0	106.5	117.9	237.5
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):

270°		275°	280°	285°	290°	295°	300°	305°	310°	315°	320°
4328.6	0°	4328.6	4328.6	4328.6	4328.6	4328.6	4328.6	4328.6	4328.6	4328.6	4328.6
4655.0	2.5°	4672.6	4690.4	4715.5	4740.6	4755.5	4770.5	4777.9	4785.4	4782.1	4785.4
5005.5	5°	5067.1	5128.9	5190.0	5251.3	5284.6	5317.8	5337.9	5358.1	5373.4	5358.1
5357.6	7.5°	5458.0	5558.1	5648.3	5738.5	5792.8	5847.1	5876.5	5905.8	5919.9	5905.8
5627.6	10°	5746.2	5864.8	5970.6	6076.4	6140.5	6204.3	6232.8	6261.2	6272.0	6261.2
5792.8	12.5°	5921.4	6049.8	6145.5	6240.8	6287.3	6333.8	6349.4	6365.1	6366.7	6365.1
5893.3	15°	6004.3	6115.1	6175.0	6235.2	6236.8	6238.5	6221.9	6205.3	6185.7	6205.3
5949.8	17.5°	6024.7	6099.6	6100.8	6101.8	6034.5	5967.2	5905.6	5843.8	5800.3	5843.8
6012.1	20°	6038.2	6064.4	5985.5	5906.6	5758.1	5609.6	5501.5	5393.4	5326.9	5393.4
6084.3	22.5°	6050.1	6015.9	5852.5	5689.0	5470.6	5252.2	5117.0	4981.7	4908.3	4981.7
6177.4	25°	6069.4	5961.4	5713.3	5465.1	5199.8	4934.6	4792.4	4650.5	4581.1	4650.5
6303.6	27.5°	6110.6	5917.4	5588.7	5260.1	4966.1	4672.1	4532.3	4392.6	4327.0	4392.6
6473.8	30°	6186.0	5898.3	5493.7	5089.1	4782.8	4476.5	4346.7	4217.0	4155.9	4217.0
6674.8	32.5°	6280.7	5886.7	5428.9	4971.1	4683.3	4395.4	4293.6	4191.6	4147.6	4191.6
6919.0	35°	6436.6	5954.4	5477.4	5000.5	4800.5	4600.7	4577.0	4553.2	4549.6	4553.2
7330.1	37.5°	6762.7	6195.3	5761.8	5328.2	5315.3	5302.3	5411.0	5519.6	5576.1	5519.6
7951.3	40°	7334.3	6717.2	6394.8	6072.4	6299.9	6527.5	6791.6	7055.7	7187.3	7055.7
8775.2	42.5°	8162.9	7550.7	7365.0	7179.3	7675.6	8171.9	8652.3	9132.7	9414.7	9132.7
9792.6	45°	9242.6	8692.5	8610.6	8528.5	9323.7	10119.0	10908.3	11697.8	12177.0	11697.8
11064.9	47.5°	10529.9	9994.7	9978.1	9961.5	11108.6	12255.4	13411.0	14566.4	15244.9	14566.4
12732.6	50°	12071.7	11410.9	11413.7	11416.6	12894.9	14373.2	15898.5	17423.8	18346.0	17423.8
14646.9	52.5°	13846.6	13046.5	12965.6	12884.6	14650.4	16416.3	18303.5	20190.6	21296.0	20190.6
16685.0	55°	15894.4	15103.7	14788.3	14472.9	16438.2	18403.3	20653.2	22903.1	24217.8	22903.1
18538.7	57.5°	18108.2	17677.5	17044.8	16412.3	18396.7	20381.1	22929.5	25477.6	27107.9	25477.6
19659.1	60°	20327.8	20996.7	20211.0	19425.4	21303.3	23181.3	25909.7	28638.1	30400.1	28638.1
19090.2	62.5°	20917.5	22744.8	22656.2	22567.5	24287.9	26008.3	28604.2	31199.9	32828.5	31199.9
17951.5	65°	19666.5	21381.6	21720.9	22060.1	24246.3	26432.7	28949.9	31466.8	32853.4	31466.8
16425.9	67.5°	18057.0	19688.1	19847.3	20006.2	22284.2	24561.9	27089.8	29617.8	30704.1	29617.8
14592.9	70°	16367.1	18141.4	18212.5	18283.7	20320.8	22357.7	24533.2	26708.5	27312.2	26708.5
12408.7	72.5°	14444.6	16480.7	16531.9	16582.9	18176.6	19770.4	21399.7	23028.8	23089.9	23028.8
9645.6	75°	11752.8	13859.9	14049.1	14238.3	15478.3	16718.2	17865.2	19012.1	18704.8	19012.1
6891.6	77.5°	8858.6	10825.7	11096.5	11367.2	12309.9	13252.5	14065.9	14879.5	14351.3	14879.5
4510.5	80°	6165.4	7820.1	8156.6	8493.2	9205.1	9916.7	10343.9	10770.9	9921.3	10770.9
2621.9	82.5°	3753.3	4884.7	5260.6	5636.7	6126.7	6616.7	6794.9	6973.0	6305.3	6973.0
1153.6	85°	1754.0	2354.5	2674.3	2994.0	3396.6	3799.1	3900.3	4001.4	3466.6	4001.4
357.1	87.5°	558.9	760.7	939.1	1117.5	1318.9	1520.2	1528.8	1537.3	1290.6	1537.3
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):

325°		330°	335°	340°	345°	350°	355°	360°
4328.6	0°	4328.6	4328.6	4328.6	4328.6	4328.6	4328.6	4328.6
4777.9	2.5°	4770.5	4755.5	4740.6	4715.5	4690.4	4672.6	4655.0
5337.9	5°	5317.8	5284.6	5251.3	5190.0	5128.9	5067.1	5005.5
5876.5	7.5°	5847.1	5792.8	5738.5	5648.3	5558.1	5458.0	5357.6
6232.8	10°	6204.3	6140.5	6076.4	5970.6	5864.8	5746.2	5627.6
6349.4	12.5°	6333.8	6287.3	6240.8	6145.5	6049.8	5921.4	5792.8
6221.9	15°	6238.5	6236.8	6235.2	6175.0	6115.1	6004.3	5893.3
5905.6	17.5°	5967.2	6034.5	6101.8	6100.8	6099.6	6024.7	5949.8
5501.5	20°	5609.6	5758.1	5906.6	5985.5	6064.4	6038.2	6012.1
5117.0	22.5°	5252.2	5470.6	5689.0	5852.5	6015.9	6050.1	6084.3
4792.4	25°	4934.6	5199.8	5465.1	5713.3	5961.4	6069.4	6177.4
4532.3	27.5°	4672.1	4966.1	5260.1	5588.7	5917.4	6110.6	6303.6
4346.7	30°	4476.5	4782.8	5089.1	5493.7	5898.3	6186.0	6473.8
4293.6	32.5°	4395.4	4683.3	4971.1	5428.9	5886.7	6280.7	6674.8
4577.0	35°	4600.7	4800.5	5000.5	5477.4	5954.4	6436.6	6919.0
5411.0	37.5°	5302.3	5315.3	5328.2	5761.8	6195.3	6762.7	7330.1
6791.6	40°	6527.5	6299.9	6072.4	6394.8	6717.2	7334.3	7951.3
8652.3	42.5°	8171.9	7675.6	7179.3	7365.0	7550.7	8162.9	8775.2
10908.3	45°	10119.0	9323.7	8528.5	8610.6	8692.5	9242.6	9792.6
13411.0	47.5°	12255.4	11108.6	9961.5	9978.1	9994.7	10529.9	11064.9
15898.5	50°	14373.2	12894.9	11416.6	11413.7	11410.9	12071.7	12732.6
18303.5	52.5°	16416.3	14650.4	12884.6	12965.6	13046.5	13846.6	14646.9
20653.2	55°	18403.3	16438.2	14472.9	14788.3	15103.7	15894.4	16685.0
22929.5	57.5°	20381.1	18396.7	16412.3	17044.8	17677.5	18108.2	18538.7
25909.7	60°	23181.3	21303.3	19425.4	20211.0	20996.7	20327.8	19659.1
28604.2	62.5°	26008.3	24287.9	22567.5	22656.2	22744.8	20917.5	19090.2
28949.9	65°	26432.7	24246.3	22060.1	21720.9	21381.6	19666.5	17951.5
27089.8	67.5°	24561.9	22284.2	20006.2	19847.3	19688.1	18057.0	16425.9
24533.2	70°	22357.7	20320.8	18283.7	18212.5	18141.4	16367.1	14592.9
21399.7	72.5°	19770.4	18176.6	16582.9	16531.9	16480.7	14444.6	12408.7
17865.2	75°	16718.2	15478.3	14238.3	14049.1	13859.9	11752.8	9645.6
14065.9	77.5°	13252.5	12309.9	11367.2	11096.5	10825.7	8858.6	6891.6
10343.9	80°	9916.7	9205.1	8493.2	8156.6	7820.1	6165.4	4510.5
6794.9	82.5°	6616.7	6126.7	5636.7	5260.6	4884.7	3753.3	2621.9
3900.3	85°	3799.1	3396.6	2994.0	2674.3	2354.5	1754.0	1153.6
1528.8	87.5°	1520.2	1318.9	1117.5	939.1	760.7	558.9	357.1
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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