

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: P952486

Luminaire Tested: **GALN-SB6B-827-U-SLR**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P952486
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-SB6B-827-U-SLR
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(6) 80 CRI, 2700K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 29587 lumens
Efficiency: N/A
Efficacy: 134.2 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B3 - U0 - G5

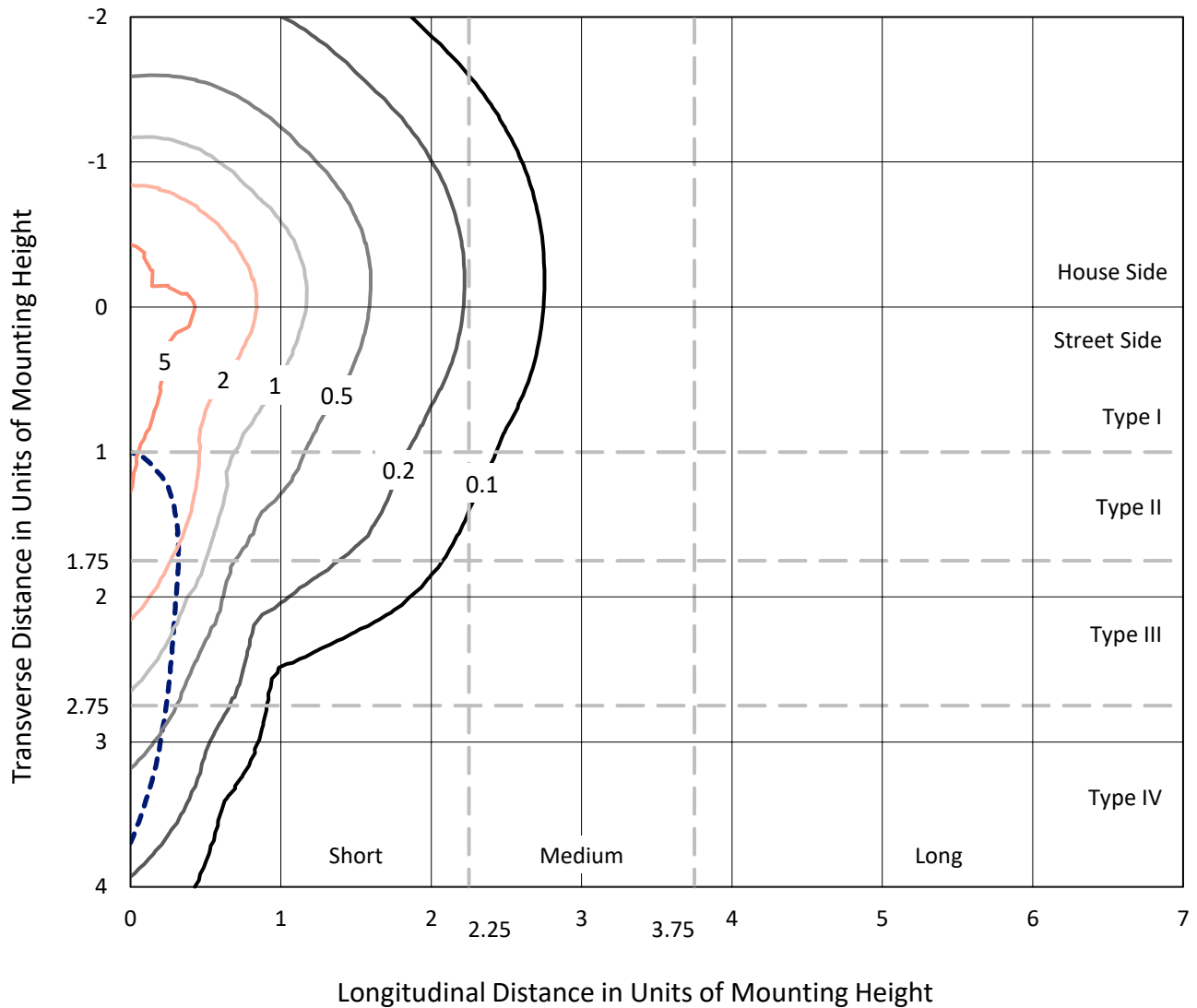
Input Watts (W): 220.4
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

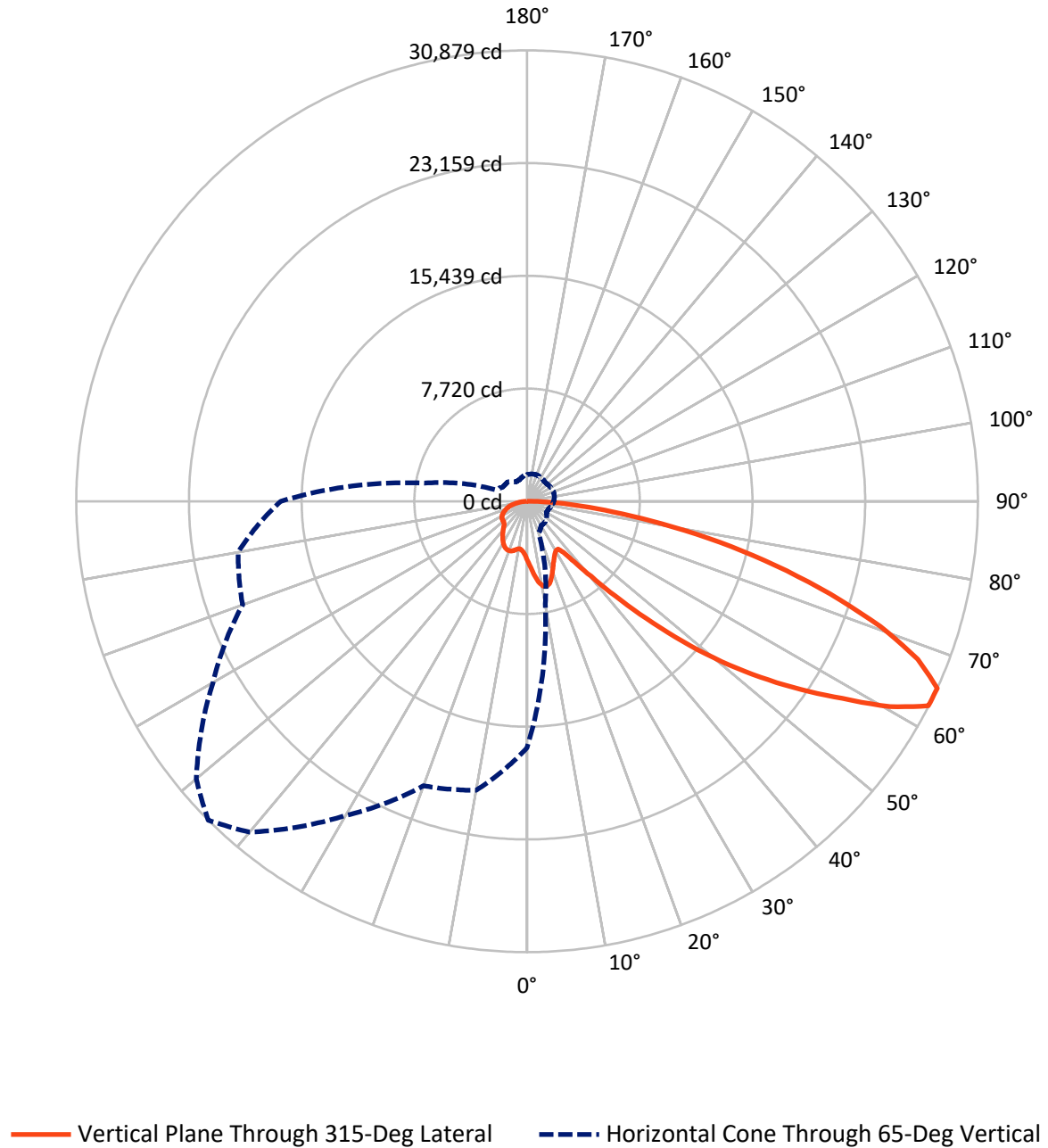
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 8 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	7519.5	0.0	7519.5
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	22067.5	0.0	22067.5
	% Fixture	74.6	0.0	74.6
Total	Lumens	29587.0	0.0	29587.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	403.6	1.4
10°-20°	1267.0	4.3
20°-30°	1957.0	6.6
30°-40°	2480.0	8.4
40°-50°	3740.5	12.6
50°-60°	6043.3	20.4
60°-70°	7533.9	25.5
70°-80°	4940.4	16.7
80°-90°	1221.4	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°	29587.0	100.0
0°-180°	29587.0	100.0

Coefficient of Utilization



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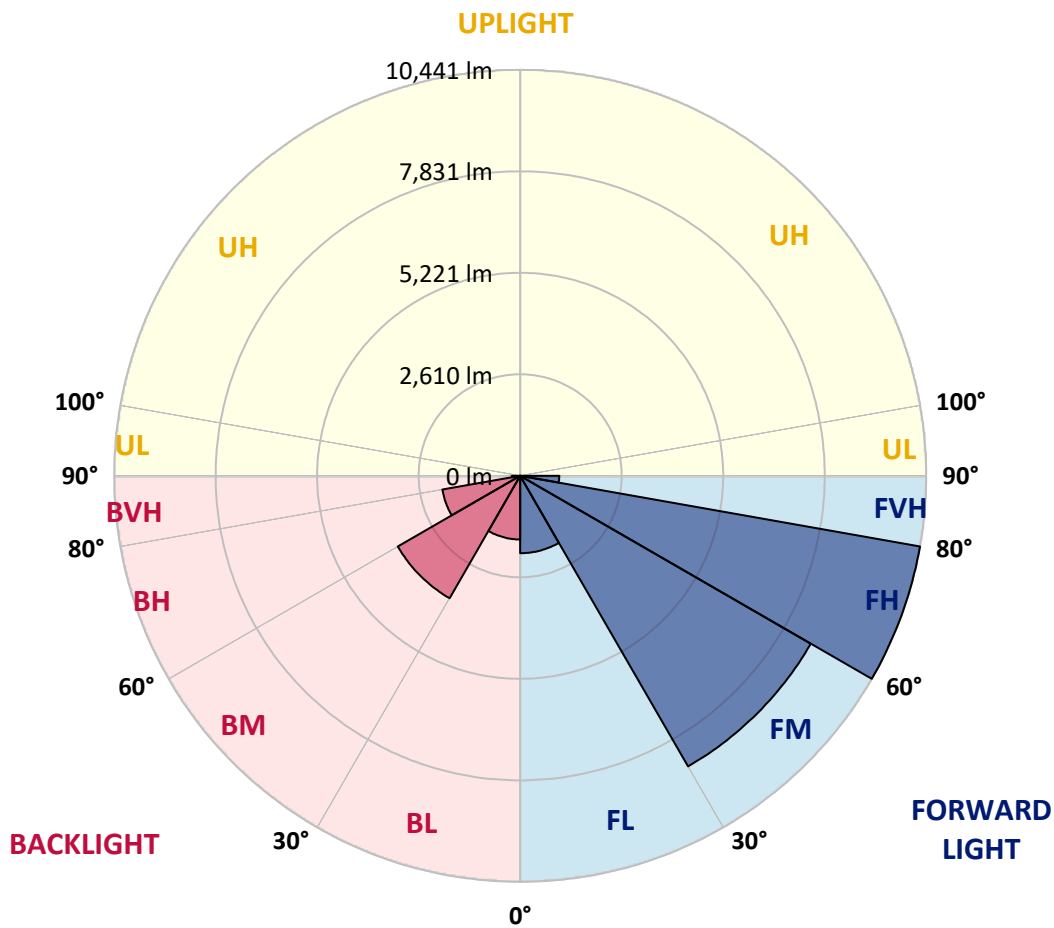
CATALOG NUMBER: GALN-SB6B-827-U-SLR

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1990.1	6.7			
FM (30°-60°)	8629.9	29.2			
FH (60°-80°)	10441.4	35.3			G4/12000
FVH (80°-90°)	1006.2	3.4			G5
BL (0°-30°)	1637.5	5.5	B3/2500		
BM (30°-60°)	3633.9	12.3	B3/5000		
BH (60°-80°)	2032.9	6.9	B3/2500		G3/2500
BVH (80°-90°)	215.2	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°	4068.5	4068.5	4068.5	4068.5	4068.5	4068.5	4068.5	4068.5	4068.5	4068.5
2.5°	4375.2	4341.7	4308.1	4272.4	4236.8	4200.9	4164.9	4130.6	4096.3	4063.0
5°	4704.7	4630.5	4556.3	4482.3	4408.5	4334.0	4259.7	4190.2	4120.8	4055.2
7.5°	5035.6	4913.2	4791.0	4678.0	4564.9	4454.9	4344.8	4247.8	4150.9	4061.4
10°	5289.3	5134.6	4979.9	4830.5	4681.2	4547.6	4413.8	4299.2	4184.3	4073.9
12.5°	5444.7	5274.6	5104.8	4935.6	4766.3	4608.6	4451.0	4321.2	4191.5	4075.5
15°	5539.1	5361.9	5184.7	5001.1	4817.5	4636.0	4454.4	4304.2	4154.0	4025.5
17.5°	5592.2	5412.5	5232.8	5032.5	4832.2	4621.4	4410.7	4230.1	4049.4	3898.3
20°	5650.7	5464.0	5277.1	5057.0	4836.9	4581.5	4326.1	4102.2	3878.3	3702.4
22.5°	5718.6	5527.9	5336.9	5090.1	4843.1	4532.5	4221.8	3952.2	3682.5	3482.2
25°	5806.1	5619.0	5432.2	5150.1	4867.8	4484.1	4100.5	3784.6	3469.0	3263.7
27.5°	5924.7	5746.4	5568.0	5243.7	4919.3	4451.7	3984.2	3631.5	3278.8	3091.9
30°	6084.7	5912.4	5740.2	5365.0	4989.9	4436.6	3883.0	3503.5	3123.9	2967.0
32.5°	6273.7	6103.0	5932.5	5491.7	5050.8	4417.9	3784.6	3393.1	3001.4	2874.9
35°	6503.1	6339.8	6176.4	5635.9	5095.4	4382.6	3670.1	3284.6	2899.1	2793.8
37.5°	6889.5	6681.3	6473.0	5797.5	5122.0	4322.2	3522.4	3156.9	2791.4	2699.3
40°	7473.4	7169.9	6866.4	6002.6	5138.7	4238.9	3339.4	3004.5	2669.6	2586.1
42.5°	8247.8	7809.7	7371.6	6271.0	5170.4	4153.1	3136.1	2836.4	2536.6	2459.7
45°	9204.0	8613.1	8022.2	6624.1	5226.1	4073.3	2920.7	2657.8	2394.9	2316.8
47.5°	10399.9	9568.2	8736.4	7000.4	5264.3	4007.4	2750.5	2516.5	2282.5	2181.8
50°	11967.3	10713.5	9459.6	7349.5	5239.4	3935.6	2631.9	2422.7	2213.5	2081.1
52.5°	13766.6	11916.6	10066.6	7576.2	5085.6	3814.3	2543.2	2360.8	2178.6	2026.4
55°	15682.2	12983.2	10284.4	7526.2	4767.9	3613.2	2458.6	2316.0	2173.5	2031.9
57.5°	17424.5	13739.1	10053.8	7174.6	4295.6	3329.7	2363.6	2262.9	2162.3	2037.4
60°	18477.5	13928.0	9378.4	6520.3	3662.2	2961.6	2260.9	2181.8	2102.6	2020.2
62.5°	17942.8	13132.6	8322.4	5635.6	2948.8	2521.0	2093.2	2040.6	1988.2	1978.0
65°	16872.6	12007.1	7141.7	4732.9	2324.3	2124.6	1925.0	1900.1	1875.3	1876.6
67.5°	15438.6	10667.8	5896.9	3848.7	1800.4	1743.7	1686.9	1700.8	1714.5	1711.1
70°	13715.9	9206.4	4696.8	3030.3	1363.7	1379.9	1396.0	1460.3	1524.5	1524.5
72.5°	11662.9	7622.1	3581.4	2316.7	1051.9	1100.8	1149.8	1241.0	1332.0	1347.3
75°	9065.8	5805.9	2546.0	1681.4	816.8	861.2	905.5	1007.6	1109.7	1180.3
77.5°	6477.4	4063.6	1649.9	1139.4	628.8	659.0	689.3	788.4	887.5	1003.8
80°	4239.4	2618.1	996.8	734.1	471.5	484.0	496.5	580.5	664.3	803.2
82.5°	2464.3	1515.3	566.4	451.5	336.9	339.1	341.6	403.4	465.2	583.9
85°	1084.2	681.6	279.1	241.4	203.7	202.6	201.4	246.7	291.9	380.2
87.5°	335.7	223.3	110.8	100.1	89.3	88.2	87.1	105.5	124.1	160.8
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°
4068.5	0°	4068.5	4068.5	4068.5	4068.5	4068.5	4068.5	4068.5	4068.5	4068.5	4068.5
4026.0	2.5°	3996.0	3966.2	3939.2	3912.3	3888.8	3865.2	3841.5	3817.9	3799.6	3781.2
3990.4	5°	3933.9	3877.2	3829.8	3782.5	3740.6	3698.8	3660.8	3622.7	3593.6	3564.2
3977.6	7.5°	3902.4	3827.3	3764.8	3702.4	3649.8	3597.0	3550.5	3504.1	3469.3	3434.6
3983.9	10°	3904.5	3825.2	3762.8	3700.3	3643.7	3586.8	3534.5	3482.2	3440.7	3399.0
3991.7	12.5°	3926.7	3862.1	3820.5	3779.3	3734.7	3690.3	3636.2	3582.2	3529.1	3476.0
3958.4	15°	3927.3	3896.4	3902.0	3907.7	3896.1	3884.6	3837.6	3790.6	3715.0	3639.5
3856.9	17.5°	3868.3	3879.6	3947.6	4015.7	4051.9	4088.0	4050.0	4012.3	3912.2	3812.1
3691.4	20°	3744.5	3797.6	3915.8	4034.1	4109.8	4185.6	4168.1	4150.4	4036.0	3921.7
3503.6	22.5°	3582.2	3660.7	3795.6	3930.8	4029.3	4127.8	4138.4	4148.9	4039.6	3930.3
3321.4	25°	3412.0	3502.5	3623.8	3745.3	3842.3	3939.2	3975.4	4011.5	3921.9	3832.4
3162.2	27.5°	3249.6	3337.0	3436.8	3536.4	3614.2	3691.9	3732.2	3772.6	3708.8	3645.1
3022.2	30°	3091.5	3161.1	3243.8	3326.6	3391.1	3455.7	3488.5	3521.3	3472.7	3424.0
2899.4	32.5°	2940.5	2981.6	3047.6	3113.8	3175.6	3237.6	3274.0	3310.5	3265.9	3221.1
2783.6	35°	2794.8	2806.2	2856.7	2906.9	2968.1	3029.5	3073.2	3116.9	3085.1	3053.4
2662.1	37.5°	2649.7	2637.2	2673.4	2709.4	2770.5	2831.7	2885.7	2939.7	2925.1	2910.4
2529.1	40°	2500.9	2472.6	2498.7	2524.8	2583.8	2642.8	2704.9	2767.2	2770.8	2774.2
2387.8	42.5°	2350.4	2312.9	2334.1	2355.5	2411.4	2467.5	2534.6	2601.7	2619.7	2637.6
2247.3	45°	2210.8	2174.4	2192.2	2210.3	2263.4	2316.5	2386.1	2455.8	2481.5	2507.3
2122.0	47.5°	2091.4	2060.8	2077.6	2094.3	2146.3	2198.2	2266.9	2335.5	2365.2	2394.9
2011.6	50°	1984.4	1957.4	1983.7	2010.0	2059.1	2107.9	2169.4	2230.9	2269.0	2307.1
1929.3	52.5°	1902.5	1875.8	1915.3	1954.6	1999.6	2044.4	2101.7	2159.1	2204.2	2249.4
1885.6	55°	1843.1	1800.8	1856.9	1912.8	1961.2	2009.6	2059.8	2110.0	2157.7	2205.7
1859.4	57.5°	1797.6	1735.7	1796.0	1856.3	1913.1	1969.9	2019.6	2069.4	2117.6	2165.7
1834.7	60°	1754.6	1674.4	1727.3	1780.1	1845.3	1910.6	1961.0	2011.6	2060.0	2108.4
1806.0	62.5°	1705.8	1605.7	1639.3	1672.8	1748.8	1825.0	1878.9	1932.8	1977.1	2021.4
1745.4	65°	1638.9	1532.3	1545.3	1558.1	1639.6	1721.2	1772.7	1824.3	1863.3	1902.3
1637.4	67.5°	1548.7	1460.0	1456.0	1451.9	1527.2	1602.6	1651.4	1700.1	1733.9	1767.6
1500.3	70°	1437.2	1374.2	1360.1	1346.1	1412.3	1478.4	1520.6	1562.8	1593.2	1623.6
1347.6	72.5°	1304.4	1261.1	1240.5	1220.1	1272.2	1324.2	1362.3	1400.4	1430.2	1460.0
1174.3	75°	1141.1	1107.7	1088.0	1068.2	1106.9	1145.6	1180.1	1214.6	1241.8	1268.9
1000.7	77.5°	974.0	947.3	927.3	907.4	938.9	970.3	999.9	1029.6	1058.2	1086.6
802.8	80°	780.4	758.0	741.3	724.4	750.6	776.7	801.7	826.7	848.4	869.9
590.4	82.5°	579.5	568.6	556.7	544.9	542.7	540.5	531.7	523.0	569.2	615.4
388.7	85°	377.0	365.3	352.0	338.8	327.5	316.1	291.9	267.7	311.0	354.4
171.7	87.5°	167.0	162.4	159.9	157.4	156.9	156.4	138.0	119.4	137.5	155.8
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°
4068.5	0°	4068.5	4068.5	4068.5	4068.5	4068.5	4068.5	4068.5	4068.5	4068.5	4068.5
3766.4	2.5°	3751.5	3740.0	3728.4	3717.8	3707.1	3693.8	3707.1	3717.8	3728.4	3740.0
3543.8	5°	3523.3	3508.8	3494.3	3483.2	3472.1	3461.2	3472.1	3483.2	3494.3	3508.8
3410.3	7.5°	3385.9	3369.2	3352.7	3342.7	3332.8	3325.3	3332.8	3342.7	3352.7	3369.2
3371.9	10°	3344.4	3328.6	3312.9	3304.4	3296.0	3292.6	3296.0	3304.4	3312.9	3328.6
3440.9	12.5°	3405.7	3388.1	3370.6	3363.4	3356.3	3355.0	3356.3	3363.4	3370.6	3388.1
3586.1	15°	3532.7	3508.2	3483.8	3474.4	3465.1	3464.3	3465.1	3474.4	3483.8	3508.2
3733.4	17.5°	3654.8	3618.5	3582.2	3570.3	3558.3	3556.4	3558.3	3570.3	3582.2	3618.5
3825.2	20°	3728.9	3682.5	3636.0	3621.2	3606.4	3601.7	3606.4	3621.2	3636.0	3682.5
3831.0	22.5°	3731.6	3682.7	3633.7	3617.3	3600.9	3593.9	3600.9	3617.3	3633.7	3682.7
3744.1	25°	3656.0	3613.5	3571.2	3555.8	3540.5	3531.4	3540.5	3555.8	3571.2	3613.5
3576.5	27.5°	3508.0	3479.6	3451.0	3444.0	3437.0	3434.6	3437.0	3444.0	3451.0	3479.6
3375.0	30°	3325.7	3311.1	3296.5	3296.5	3296.5	3298.8	3296.5	3296.5	3296.5	3311.1
3181.9	32.5°	3142.7	3133.2	3123.6	3124.9	3126.3	3128.6	3126.3	3124.9	3123.6	3133.2
3017.2	35°	2981.1	2966.6	2952.2	2949.1	2946.0	2944.4	2946.0	2949.1	2952.2	2966.6
2877.1	37.5°	2843.7	2817.3	2791.1	2777.2	2763.3	2755.5	2763.3	2777.2	2791.1	2817.3
2746.0	40°	2717.7	2679.3	2641.2	2615.3	2589.7	2574.4	2589.7	2615.3	2641.2	2679.3
2613.7	42.5°	2590.0	2542.4	2494.8	2457.2	2419.5	2394.9	2419.5	2457.2	2494.8	2542.4
2485.7	45°	2464.3	2409.9	2355.5	2311.3	2267.2	2238.7	2267.2	2311.3	2355.5	2409.9
2379.9	47.5°	2364.9	2316.5	2268.1	2227.2	2186.4	2159.1	2186.4	2227.2	2268.1	2316.5
2306.2	50°	2305.6	2266.9	2228.1	2190.4	2152.6	2126.3	2152.6	2190.4	2228.1	2266.9
2257.5	52.5°	2265.6	2234.1	2202.5	2168.7	2134.9	2110.7	2134.9	2168.7	2202.5	2234.1
2216.9	55°	2228.1	2200.7	2173.2	2143.5	2113.9	2092.0	2113.9	2143.5	2173.2	2200.7
2177.1	57.5°	2188.5	2160.7	2132.9	2103.6	2074.0	2051.4	2074.0	2103.6	2132.9	2160.7
2120.9	60°	2133.4	2106.2	2079.2	2048.9	2018.6	1995.2	2018.6	2048.9	2079.2	2106.2
2033.5	62.5°	2045.5	2021.0	1996.5	1964.6	1932.8	1904.7	1932.8	1964.6	1996.5	2021.0
1914.6	65°	1926.8	1903.2	1879.7	1848.8	1818.0	1793.8	1818.0	1848.8	1879.7	1903.2
1779.6	67.5°	1791.5	1769.8	1748.2	1719.5	1690.8	1668.9	1690.8	1719.5	1748.2	1769.8
1635.2	70°	1646.7	1629.1	1611.5	1584.0	1556.5	1531.5	1556.5	1584.0	1611.5	1629.1
1473.8	72.5°	1487.5	1472.8	1458.2	1431.9	1405.9	1381.7	1405.9	1431.9	1458.2	1472.8
1283.3	75°	1297.7	1290.5	1283.3	1261.3	1239.3	1216.2	1239.3	1261.3	1283.3	1290.5
1100.0	77.5°	1113.4	1103.5	1093.1	1071.0	1048.8	1030.4	1048.8	1071.0	1093.1	1103.5
887.7	80°	905.5	901.1	896.9	867.1	837.1	802.5	837.1	867.1	896.9	901.1
645.7	82.5°	676.0	674.1	672.1	647.0	621.7	599.5	621.7	647.0	672.1	674.1
391.9	85°	429.3	426.2	423.1	403.4	383.7	363.8	383.7	403.4	423.1	426.2
171.0	87.5°	186.1	182.3	178.3	168.3	158.0	148.3	158.0	168.3	178.3	182.3
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):

160°		165°	170°	175°	180°	185°	190°	195°	200°	205°	210°
4068.5	0°	4068.5	4068.5	4068.5	4068.5	4068.5	4068.5	4068.5	4068.5	4068.5	4068.5
3751.5	2.5°	3766.4	3781.2	3799.6	3817.9	3841.5	3865.2	3888.8	3912.3	3939.2	3966.2
3523.3	5°	3543.8	3564.2	3593.6	3622.7	3660.8	3698.8	3740.6	3782.5	3829.8	3877.2
3385.9	7.5°	3410.3	3434.6	3469.3	3504.1	3550.5	3597.0	3649.8	3702.4	3764.8	3827.3
3344.4	10°	3371.9	3399.0	3440.7	3482.2	3534.5	3586.8	3643.7	3700.3	3762.8	3825.2
3405.7	12.5°	3440.9	3476.0	3529.1	3582.2	3636.2	3690.3	3734.7	3779.3	3820.5	3862.1
3532.7	15°	3586.1	3639.5	3715.0	3790.6	3837.6	3884.6	3896.1	3907.7	3902.0	3896.4
3654.8	17.5°	3733.4	3812.1	3912.2	4012.3	4050.0	4088.0	4051.9	4015.7	3947.6	3879.6
3728.9	20°	3825.2	3921.7	4036.0	4150.4	4168.1	4185.6	4109.8	4034.1	3915.8	3797.6
3731.6	22.5°	3831.0	3930.3	4039.6	4148.9	4138.4	4127.8	4029.3	3930.8	3795.6	3660.7
3656.0	25°	3744.1	3832.4	3921.9	4011.5	3975.4	3939.2	3842.3	3745.3	3623.8	3502.5
3508.0	27.5°	3576.5	3645.1	3708.8	3772.6	3732.2	3691.9	3614.2	3536.4	3436.8	3337.0
3325.7	30°	3375.0	3424.0	3472.7	3521.3	3488.5	3455.7	3391.1	3326.6	3243.8	3161.1
3142.7	32.5°	3181.9	3221.1	3265.9	3310.5	3274.0	3237.6	3175.6	3113.8	3047.6	2981.6
2981.1	35°	3017.2	3053.4	3085.1	3116.9	3073.2	3029.5	2968.1	2906.9	2856.7	2806.2
2843.7	37.5°	2877.1	2910.4	2925.1	2939.7	2885.7	2831.7	2770.5	2709.4	2673.4	2637.2
2717.7	40°	2746.0	2774.2	2770.8	2767.2	2704.9	2642.8	2583.8	2524.8	2498.7	2472.6
2590.0	42.5°	2613.7	2637.6	2619.7	2601.7	2534.6	2467.5	2411.4	2355.5	2334.1	2312.9
2464.3	45°	2485.7	2507.3	2481.5	2455.8	2386.1	2316.5	2263.4	2210.3	2192.2	2174.4
2364.9	47.5°	2379.9	2394.9	2365.2	2335.5	2266.9	2198.2	2146.3	2094.3	2077.6	2060.8
2305.6	50°	2306.2	2307.1	2269.0	2230.9	2169.4	2107.9	2059.1	2010.0	1983.7	1957.4
2265.6	52.5°	2257.5	2249.4	2204.2	2159.1	2101.7	2044.4	1999.6	1954.6	1915.3	1875.8
2228.1	55°	2216.9	2205.7	2157.7	2110.0	2059.8	2009.6	1961.2	1912.8	1856.9	1800.8
2188.5	57.5°	2177.1	2165.7	2117.6	2069.4	2019.6	1969.9	1913.1	1856.3	1796.0	1735.7
2133.4	60°	2120.9	2108.4	2060.0	2011.6	1961.0	1910.6	1845.3	1780.1	1727.3	1674.4
2045.5	62.5°	2033.5	2021.4	1977.1	1932.8	1878.9	1825.0	1748.8	1672.8	1639.3	1605.7
1926.8	65°	1914.6	1902.3	1863.3	1824.3	1772.7	1721.2	1639.6	1558.1	1545.3	1532.3
1791.5	67.5°	1779.6	1767.6	1733.9	1700.1	1651.4	1602.6	1527.2	1451.9	1456.0	1460.0
1646.7	70°	1635.2	1623.6	1593.2	1562.8	1520.6	1478.4	1412.3	1346.1	1360.1	1374.2
1487.5	72.5°	1473.8	1460.0	1430.2	1400.4	1362.3	1324.2	1272.2	1220.1	1240.5	1261.1
1297.7	75°	1283.3	1268.9	1241.8	1214.6	1180.1	1145.6	1106.9	1068.2	1088.0	1107.7
1113.4	77.5°	1100.0	1086.6	1058.2	1029.6	999.9	970.3	938.9	907.4	927.3	947.3
905.5	80°	887.7	869.9	848.4	826.7	801.7	776.7	750.6	724.4	741.3	758.0
676.0	82.5°	645.7	615.4	569.2	523.0	531.7	540.5	542.7	544.9	556.7	568.6
429.3	85°	391.9	354.4	311.0	267.7	291.9	316.1	327.5	338.8	352.0	365.3
186.1	87.5°	171.0	155.8	137.5	119.4	138.0	156.4	156.9	157.4	159.9	162.4
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):

215°		220°	225°	230°	235°	240°	245°	250°	255°	260°	265°
4068.5	0°	4068.5	4068.5	4068.5	4068.5	4068.5	4068.5	4068.5	4068.5	4068.5	4068.5
3996.0	2.5°	4026.0	4063.0	4096.3	4130.6	4164.9	4200.9	4236.8	4272.4	4308.1	4341.7
3933.9	5°	3990.4	4055.2	4120.8	4190.2	4259.7	4334.0	4408.5	4482.3	4556.3	4630.5
3902.4	7.5°	3977.6	4061.4	4150.9	4247.8	4344.8	4454.9	4564.9	4678.0	4791.0	4913.2
3904.5	10°	3983.9	4073.9	4184.3	4299.2	4413.8	4547.6	4681.2	4830.5	4979.9	5134.6
3926.7	12.5°	3991.7	4075.5	4191.5	4321.2	4451.0	4608.6	4766.3	4935.6	5104.8	5274.6
3927.3	15°	3958.4	4025.5	4154.0	4304.2	4454.4	4636.0	4817.5	5001.1	5184.7	5361.9
3868.3	17.5°	3856.9	3898.3	4049.4	4230.1	4410.7	4621.4	4832.2	5032.5	5232.8	5412.5
3744.5	20°	3691.4	3702.4	3878.3	4102.2	4326.1	4581.5	4836.9	5057.0	5277.1	5464.0
3582.2	22.5°	3503.6	3482.2	3682.5	3952.2	4221.8	4532.5	4843.1	5090.1	5336.9	5527.9
3412.0	25°	3321.4	3263.7	3469.0	3784.6	4100.5	4484.1	4867.8	5150.1	5432.2	5619.0
3249.6	27.5°	3162.2	3091.9	3278.8	3631.5	3984.2	4451.7	4919.3	5243.7	5568.0	5746.4
3091.5	30°	3022.2	2967.0	3123.9	3503.5	3883.0	4436.6	4989.9	5365.0	5740.2	5912.4
2940.5	32.5°	2899.4	2874.9	3001.4	3393.1	3784.6	4417.9	5050.8	5491.7	5932.5	6103.0
2794.8	35°	2783.6	2793.8	2899.1	3284.6	3670.1	4382.6	5095.4	5635.9	6176.4	6339.8
2649.7	37.5°	2662.1	2699.3	2791.4	3156.9	3522.4	4322.2	5122.0	5797.5	6473.0	6681.3
2500.9	40°	2529.1	2586.1	2669.6	3004.5	3339.4	4238.9	5138.7	6002.6	6866.4	7169.9
2350.4	42.5°	2387.8	2459.7	2536.6	2836.4	3136.1	4153.1	5170.4	6271.0	7371.6	7809.7
2210.8	45°	2247.3	2316.8	2394.9	2657.8	2920.7	4073.3	5226.1	6624.1	8022.2	8613.1
2091.4	47.5°	2122.0	2181.8	2282.5	2516.5	2750.5	4007.4	5264.3	7000.4	8736.4	9568.2
1984.4	50°	2011.6	2081.1	2213.5	2422.7	2631.9	3935.6	5239.4	7349.5	9459.6	10713.5
1902.5	52.5°	1929.3	2026.4	2178.6	2360.8	2543.2	3814.3	5085.6	7576.2	10066.6	11916.6
1843.1	55°	1885.6	2031.9	2173.5	2316.0	2458.6	3613.2	4767.9	7526.2	10284.4	12983.2
1797.6	57.5°	1859.4	2037.4	2162.3	2262.9	2363.6	3329.7	4295.6	7174.6	10053.8	13739.1
1754.6	60°	1834.7	2020.2	2102.6	2181.8	2260.9	2961.6	3662.2	6520.3	9378.4	13928.0
1705.8	62.5°	1806.0	1978.0	1988.2	2040.6	2093.2	2521.0	2948.8	5635.6	8322.4	13132.6
1638.9	65°	1745.4	1876.6	1875.3	1900.1	1925.0	2124.6	2324.3	4732.9	7141.7	12007.1
1548.7	67.5°	1637.4	1711.1	1714.5	1700.8	1686.9	1743.7	1800.4	3848.7	5896.9	10667.8
1437.2	70°	1500.3	1524.5	1524.5	1460.3	1396.0	1379.9	1363.7	3030.3	4696.8	9206.4
1304.4	72.5°	1347.6	1347.3	1332.0	1241.0	1149.8	1100.8	1051.9	2316.7	3581.4	7622.1
1141.1	75°	1174.3	1180.3	1109.7	1007.6	905.5	861.2	816.8	1681.4	2546.0	5805.9
974.0	77.5°	1000.7	1003.8	887.5	788.4	689.3	659.0	628.8	1139.4	1649.9	4063.6
780.4	80°	802.8	803.2	664.3	580.5	496.5	484.0	471.5	734.1	996.8	2618.1
579.5	82.5°	590.4	583.9	465.2	403.4	341.6	339.1	336.9	451.5	566.4	1515.3
377.0	85°	388.7	380.2	291.9	246.7	201.4	202.6	203.7	241.4	279.1	681.6
167.0	87.5°	171.7	160.8	124.1	105.5	87.1	88.2	89.3	100.1	110.8	223.3
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):

270°		275°	280°	285°	290°	295°	300°	305°	310°	315°	320°
4068.5	0°	4068.5	4068.5	4068.5	4068.5	4068.5	4068.5	4068.5	4068.5	4068.5	4068.5
4375.2	2.5°	4391.8	4408.5	4432.1	4455.6	4469.7	4483.7	4490.8	4497.8	4494.7	4497.8
4704.7	5°	4762.6	4820.6	4878.1	4935.7	4966.9	4998.2	5017.0	5036.1	5050.5	5036.1
5035.6	7.5°	5129.9	5224.1	5308.8	5393.6	5444.7	5495.7	5523.3	5550.8	5564.1	5550.8
5289.3	10°	5400.8	5512.3	5611.7	5711.2	5771.4	5831.4	5858.2	5884.9	5895.1	5884.9
5444.7	12.5°	5565.5	5686.2	5776.1	5865.7	5909.4	5953.1	5967.8	5982.5	5984.1	5982.5
5539.1	15°	5643.4	5747.5	5803.9	5860.4	5862.0	5863.5	5847.9	5832.3	5813.9	5832.3
5592.2	17.5°	5662.6	5733.0	5734.1	5735.0	5671.8	5608.6	5550.7	5492.6	5451.7	5492.6
5650.7	20°	5675.2	5699.9	5625.8	5551.6	5412.0	5272.5	5170.8	5069.2	5006.7	5069.2
5718.6	22.5°	5686.5	5654.3	5500.7	5347.1	5141.8	4936.5	4809.4	4682.3	4613.3	4682.3
5806.1	25°	5704.6	5603.1	5369.9	5136.6	4887.3	4638.0	4504.4	4371.0	4305.8	4371.0
5924.7	27.5°	5743.3	5561.7	5252.8	4944.0	4667.7	4391.3	4259.9	4128.6	4066.9	4128.6
6084.7	30°	5814.2	5543.8	5163.5	4783.2	4495.3	4207.4	4085.5	3963.6	3906.1	3963.6
6273.7	32.5°	5903.2	5532.9	5102.6	4672.3	4401.8	4131.2	4035.5	3939.7	3898.3	3939.7
6503.1	35°	6049.8	5596.6	5148.2	4700.0	4512.0	4324.2	4301.9	4279.5	4276.1	4279.5
6889.5	37.5°	6356.2	5822.9	5415.5	5008.0	4995.8	4983.6	5085.7	5187.8	5240.9	5187.8
7473.4	40°	6893.4	6313.5	6010.4	5707.4	5921.3	6135.2	6383.4	6631.6	6755.3	6631.6
8247.8	42.5°	7672.3	7096.9	6922.3	6747.8	7214.3	7680.8	8132.3	8583.7	8848.8	8583.7
9204.0	45°	8687.1	8170.0	8093.1	8015.9	8763.3	9510.8	10252.7	10994.7	11445.1	10994.7
10399.9	47.5°	9897.0	9394.0	9378.4	9362.8	10440.9	11518.8	12604.9	13690.9	14328.6	13690.9
11967.3	50°	11346.1	10725.1	10727.7	10730.4	12119.8	13509.3	14943.0	16376.6	17243.4	16376.6
13766.6	52.5°	13014.4	12262.4	12186.4	12110.2	13769.9	15429.6	17203.4	18977.1	20016.0	18977.1
15682.2	55°	14939.0	14195.9	13899.5	13603.0	15450.2	17297.2	19411.9	21526.5	22762.2	21526.5
17424.5	57.5°	17019.8	16615.0	16020.3	15425.8	17291.0	19156.1	21551.3	23946.3	25478.7	23946.3
18477.5	60°	19106.0	19734.7	18996.3	18257.8	20022.9	21788.0	24352.4	26916.8	28572.9	26916.8
17942.8	62.5°	19660.3	21377.7	21294.5	21211.1	22828.1	24445.2	26885.0	29324.7	30855.4	29324.7
16872.6	65°	18484.5	20096.4	20415.4	20734.2	22789.0	24844.0	27209.9	29575.5	30878.8	29575.5
15438.6	67.5°	16971.7	18504.8	18654.4	18803.8	20944.8	23085.7	25461.6	27837.6	28858.6	27837.6
13715.9	70°	15383.4	17051.0	17117.8	17184.8	19099.5	21014.0	23058.7	25103.2	25670.7	25103.2
11662.9	72.5°	13576.4	15490.2	15538.2	15586.2	17084.1	18582.1	20113.5	21644.7	21702.1	21644.7
9065.8	75°	11046.4	13026.9	13204.7	13382.5	14548.0	15713.4	16791.4	17869.4	17580.6	17869.4
6477.4	77.5°	8326.2	10175.1	10429.5	10684.0	11570.0	12456.0	13220.5	13985.2	13488.7	13985.2
4239.4	80°	5794.8	7350.1	7666.4	7982.7	8651.8	9320.6	9722.2	10123.6	9325.0	10123.6
2464.3	82.5°	3527.7	4591.2	4944.5	5297.9	5758.5	6219.0	6386.5	6553.9	5926.3	6553.9
1084.2	85°	1648.6	2213.0	2513.5	2814.0	3192.5	3570.8	3665.8	3760.9	3258.2	3760.9
335.7	87.5°	525.3	715.0	882.7	1050.4	1239.6	1428.8	1436.9	1444.9	1213.0	1444.9
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°
4068.5	0°	4068.5	4068.5	4068.5	4068.5	4068.5	4068.5	4068.5
4490.8	2.5°	4483.7	4469.7	4455.6	4432.1	4408.5	4391.8	4375.2
5017.0	5°	4998.2	4966.9	4935.7	4878.1	4820.6	4762.6	4704.7
5523.3	7.5°	5495.7	5444.7	5393.6	5308.8	5224.1	5129.9	5035.6
5858.2	10°	5831.4	5771.4	5711.2	5611.7	5512.3	5400.8	5289.3
5967.8	12.5°	5953.1	5909.4	5865.7	5776.1	5686.2	5565.5	5444.7
5847.9	15°	5863.5	5862.0	5860.4	5803.9	5747.5	5643.4	5539.1
5550.7	17.5°	5608.6	5671.8	5735.0	5734.1	5733.0	5662.6	5592.2
5170.8	20°	5272.5	5412.0	5551.6	5625.8	5699.9	5675.2	5650.7
4809.4	22.5°	4936.5	5141.8	5347.1	5500.7	5654.3	5686.5	5718.6
4504.4	25°	4638.0	4887.3	5136.6	5369.9	5603.1	5704.6	5806.1
4259.9	27.5°	4391.3	4667.7	4944.0	5252.8	5561.7	5743.3	5924.7
4085.5	30°	4207.4	4495.3	4783.2	5163.5	5543.8	5814.2	6084.7
4035.5	32.5°	4131.2	4401.8	4672.3	5102.6	5532.9	5903.2	6273.7
4301.9	35°	4324.2	4512.0	4700.0	5148.2	5596.6	6049.8	6503.1
5085.7	37.5°	4983.6	4995.8	5008.0	5415.5	5822.9	6356.2	6889.5
6383.4	40°	6135.2	5921.3	5707.4	6010.4	6313.5	6893.4	7473.4
8132.3	42.5°	7680.8	7214.3	6747.8	6922.3	7096.9	7672.3	8247.8
10252.7	45°	9510.8	8763.3	8015.9	8093.1	8170.0	8687.1	9204.0
12604.9	47.5°	11518.8	10440.9	9362.8	9378.4	9394.0	9897.0	10399.9
14943.0	50°	13509.3	12119.8	10730.4	10727.7	10725.1	11346.1	11967.3
17203.4	52.5°	15429.6	13769.9	12110.2	12186.4	12262.4	13014.4	13766.6
19411.9	55°	17297.2	15450.2	13603.0	13899.5	14195.9	14939.0	15682.2
21551.3	57.5°	19156.1	17291.0	15425.8	16020.3	16615.0	17019.8	17424.5
24352.4	60°	21788.0	20022.9	18257.8	18996.3	19734.7	19106.0	18477.5
26885.0	62.5°	24445.2	22828.1	21211.1	21294.5	21377.7	19660.3	17942.8
27209.9	65°	24844.0	22789.0	20734.2	20415.4	20096.4	18484.5	16872.6
25461.6	67.5°	23085.7	20944.8	18803.8	18654.4	18504.8	16971.7	15438.6
23058.7	70°	21014.0	19099.5	17184.8	17117.8	17051.0	15383.4	13715.9
20113.5	72.5°	18582.1	17084.1	15586.2	15538.2	15490.2	13576.4	11662.9
16791.4	75°	15713.4	14548.0	13382.5	13204.7	13026.9	11046.4	9065.8
13220.5	77.5°	12456.0	11570.0	10684.0	10429.5	10175.1	8326.2	6477.4
9722.2	80°	9320.6	8651.8	7982.7	7666.4	7350.1	5794.8	4239.4
6386.5	82.5°	6219.0	5758.5	5297.9	4944.5	4591.2	3527.7	2464.3
3665.8	85°	3570.8	3192.5	2814.0	2513.5	2213.0	1648.6	1084.2
1436.9	87.5°	1428.8	1239.6	1050.4	882.7	715.0	525.3	335.7
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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