

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: STREETWORKS

Report Number: P953767

Luminaire Tested: **GLAN-SB7B-722-U-SLR**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P953767
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: STREETWORKS
Catalog Number: GLAN-SB7B-722-U-SLR
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(7) 70 CRI, 2200K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 32963 lumens
Efficiency: N/A
Efficacy: 128.4 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B3 - U0 - G5

Input Watts (W): 256.7
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

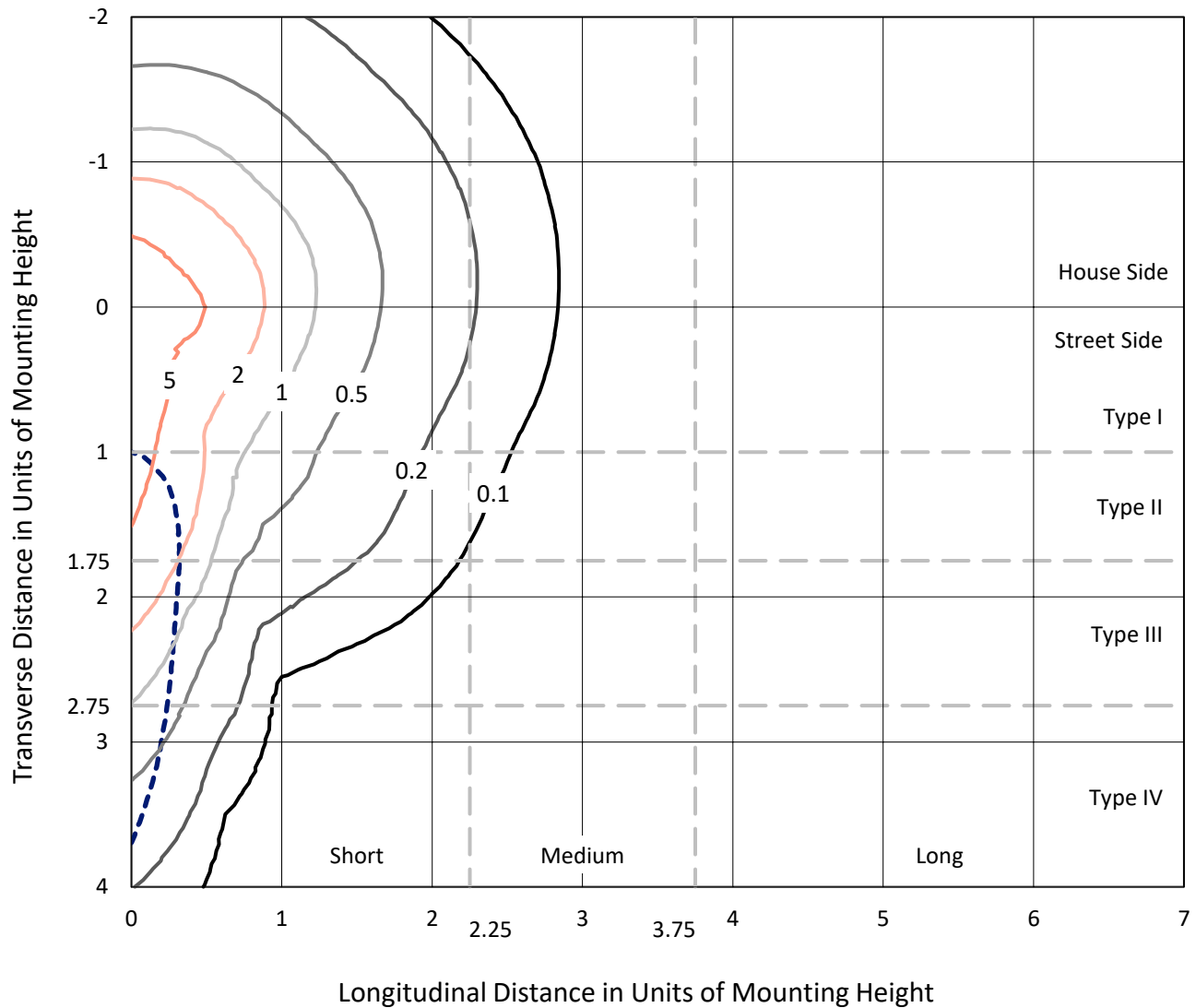


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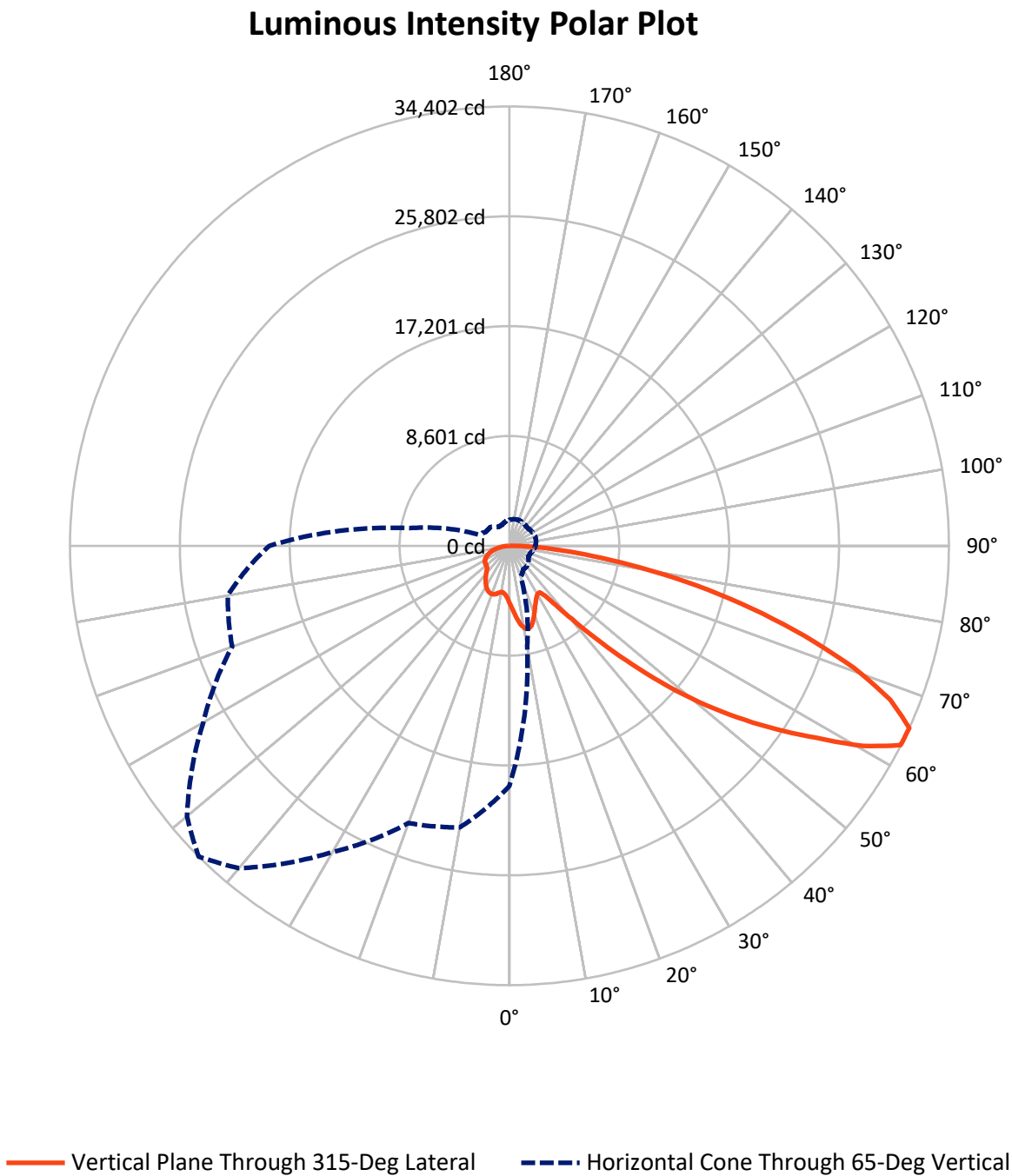
Iso-Footcandle Lines of Horizontal Illumination

× Max cd
- - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 9 fc
Type IV - Short - N/A

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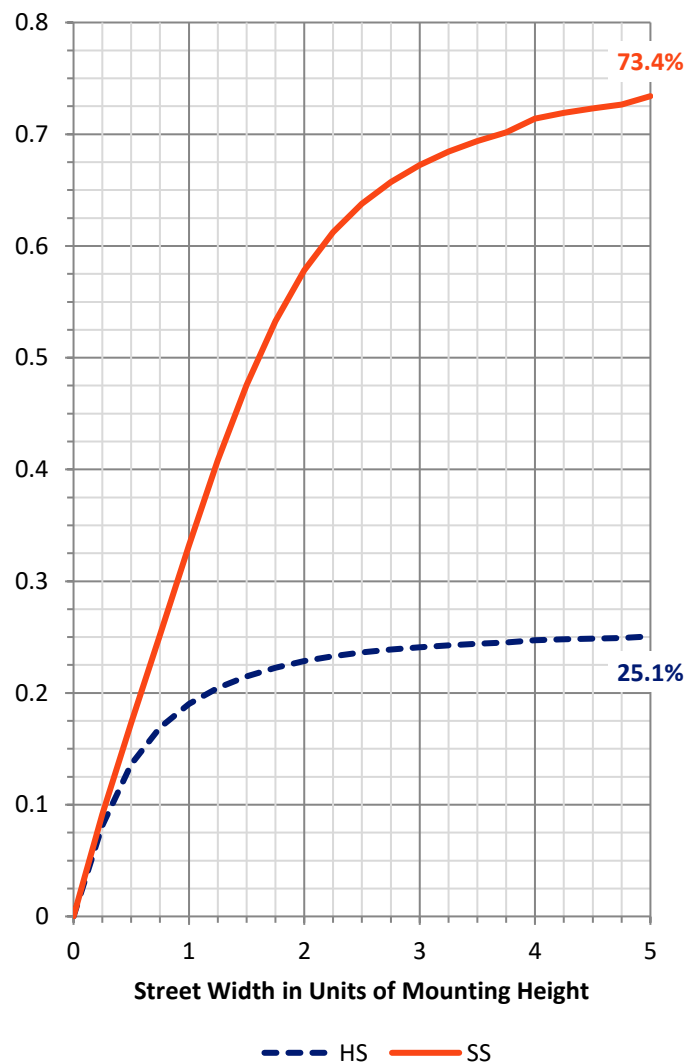
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	8377.5	0.0	8377.5
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	24585.5	0.0	24585.5
	% Fixture	74.6	0.0	74.6
Total	Lumens	32963.0	0.0	32963.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	449.6	1.4
10°-20°	1411.5	4.3
20°-30°	2180.3	6.6
30°-40°	2763.0	8.4
40°-50°	4167.3	12.6
50°-60°	6732.9	20.4
60°-70°	8393.6	25.5
70°-80°	5504.1	16.7
80°-90°	1360.7	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°	32963.0	100.0
0°-180°	32963.0	100.0

Coefficient of Utilization



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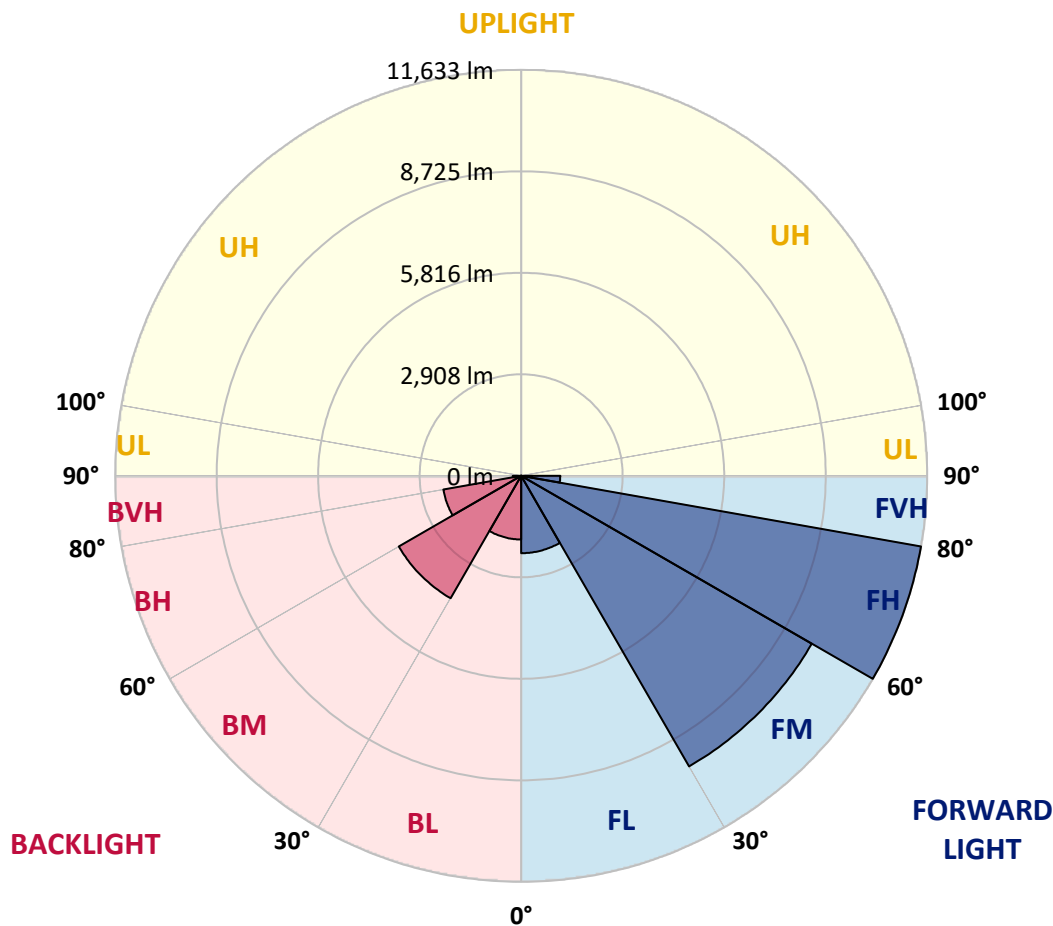
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2217.1	6.7			
FM	(30°-60°)	9614.6	29.2			
FH	(60°-80°)	11632.8	35.3			G4/12000
FVH	(80°-90°)	1121.0	3.4			G5
BL	(0°-30°)	1824.3	5.5	B3/2500		
BM	(30°-60°)	4048.5	12.3	B3/5000		
BH	(60°-80°)	2264.9	6.9	B3/2500		G3/2500
BVH	(80°-90°)	239.8	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°	4532.7	4532.7	4532.7	4532.7	4532.7	4532.7	4532.7	4532.7	4532.7	4532.7
2.5°	4874.5	4837.1	4799.7	4759.9	4720.2	4680.2	4640.2	4601.9	4563.7	4526.6
5°	5241.5	5158.9	5076.2	4993.8	4911.5	4828.6	4745.8	4668.4	4591.0	4517.9
7.5°	5610.2	5473.8	5337.7	5211.7	5085.8	4963.2	4840.6	4732.5	4624.5	4524.9
10°	5892.9	5720.5	5548.1	5381.7	5215.4	5066.5	4917.4	4789.8	4661.8	4538.8
12.5°	6065.9	5876.5	5687.3	5498.7	5310.2	5134.5	4958.8	4814.3	4669.8	4540.5
15°	6171.1	5973.7	5776.3	5571.8	5367.2	5164.9	4962.7	4795.3	4628.0	4484.9
17.5°	6230.3	6030.1	5829.9	5606.7	5383.6	5148.8	4914.0	4712.7	4511.5	4343.1
20°	6295.5	6087.5	5879.3	5634.0	5388.8	5104.2	4819.7	4570.3	4320.8	4124.8
22.5°	6371.2	6158.6	5945.9	5670.9	5395.8	5049.6	4703.5	4403.1	4102.7	3879.6
25°	6468.6	6260.2	6052.0	5737.7	5423.2	4995.7	4568.4	4216.5	3864.8	3636.1
27.5°	6600.8	6402.1	6203.3	5842.1	5480.6	4959.7	4438.8	4045.9	3652.9	3444.7
30°	6779.0	6587.0	6395.2	5977.2	5559.2	4942.8	4326.1	3903.2	3480.4	3305.6
32.5°	6989.5	6799.4	6609.5	6118.3	5627.1	4922.0	4216.5	3780.3	3343.9	3203.0
35°	7245.2	7063.2	6881.1	6279.0	5676.8	4882.6	4088.8	3659.4	3229.9	3112.5
37.5°	7675.7	7443.6	7211.6	6459.0	5706.4	4815.3	3924.3	3517.1	3109.9	3007.3
40°	8326.2	7988.1	7649.9	6687.6	5725.0	4722.6	3720.4	3347.3	2974.3	2881.2
42.5°	9188.9	8700.8	8212.8	6986.5	5760.3	4627.0	3494.0	3160.0	2826.1	2740.3
45°	10254.2	9595.9	8937.6	7380.0	5822.4	4538.1	3253.9	2961.0	2668.1	2581.2
47.5°	11586.6	10660.0	9733.3	7799.2	5865.0	4464.7	3064.4	2803.6	2542.9	2430.7
50°	13332.8	11936.0	10539.0	8188.1	5837.2	4384.7	2932.2	2699.1	2466.0	2318.5
52.5°	15337.4	13276.3	11215.2	8440.6	5665.9	4249.5	2833.4	2630.2	2427.2	2257.7
55°	17471.6	14464.6	11457.8	8385.0	5311.9	4025.5	2739.1	2580.3	2421.5	2263.7
57.5°	19412.7	15306.8	11200.9	7993.3	4785.8	3709.6	2633.3	2521.2	2409.0	2269.8
60°	20585.9	15517.3	10448.5	7264.3	4080.1	3299.5	2518.9	2430.7	2342.5	2250.7
62.5°	19990.1	14631.1	9272.0	6278.6	3285.2	2808.7	2332.1	2273.5	2215.0	2203.7
65°	18797.8	13377.2	7956.6	5273.0	2589.5	2367.1	2144.6	2116.9	2089.3	2090.7
67.5°	17200.2	11885.0	6569.8	4287.8	2005.8	1942.7	1879.3	1894.8	1910.1	1906.3
70°	15280.9	10256.8	5232.8	3376.0	1519.3	1537.4	1555.3	1627.0	1698.5	1698.5
72.5°	12993.7	8491.8	3990.0	2581.0	1172.0	1226.4	1281.0	1382.6	1484.0	1501.0
75°	10100.3	6468.4	2836.5	1873.3	910.0	959.4	1008.8	1122.6	1236.3	1314.9
77.5°	7216.5	4527.3	1838.1	1269.4	700.6	734.2	767.9	878.4	988.8	1118.4
80°	4723.2	2916.9	1110.6	817.8	525.3	539.2	553.1	646.7	740.1	894.9
82.5°	2745.5	1688.2	631.0	503.0	375.3	377.8	380.6	449.4	518.3	650.5
85°	1208.0	759.4	311.0	268.9	227.0	225.8	224.4	274.8	325.3	423.5
87.5°	374.0	248.7	123.5	111.5	99.5	98.3	97.1	117.6	138.3	179.2
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°
4532.7	0°	4532.7	4532.7	4532.7	4532.7	4532.7	4532.7	4532.7	4532.7	4532.7	4532.7
4485.4	2.5°	4452.0	4418.8	4388.7	4358.8	4332.5	4306.2	4279.8	4253.5	4233.2	4212.7
4445.7	5°	4382.8	4319.6	4266.8	4214.1	4167.4	4120.8	4078.6	4036.1	4003.6	3970.9
4431.5	7.5°	4347.6	4264.0	4194.4	4124.8	4066.2	4007.4	3955.6	3903.9	3865.1	3826.5
4438.4	10°	4350.1	4261.7	4192.1	4122.6	4059.4	3996.1	3937.8	3879.6	3833.3	3786.9
4447.1	12.5°	4374.8	4302.8	4256.5	4210.6	4160.8	4111.4	4051.1	3990.9	3931.8	3872.6
4410.1	15°	4375.5	4341.0	4347.3	4353.5	4340.7	4327.8	4275.4	4223.1	4138.9	4054.7
4297.0	17.5°	4309.7	4322.2	4398.1	4473.9	4514.3	4554.4	4512.2	4470.1	4358.6	4247.1
4112.6	20°	4171.8	4230.9	4362.6	4494.4	4578.8	4663.1	4643.7	4624.0	4496.5	4369.2
3903.4	22.5°	3990.9	4078.4	4228.7	4379.3	4489.0	4598.8	4610.6	4622.3	4500.5	4378.8
3700.4	25°	3801.3	3902.2	4037.3	4172.7	4280.7	4388.7	4429.0	4469.2	4369.4	4269.7
3523.0	27.5°	3620.4	3717.8	3829.0	3939.9	4026.6	4113.2	4158.0	4203.1	4132.0	4061.0
3367.0	30°	3444.2	3521.8	3614.0	3706.2	3778.0	3850.0	3886.5	3923.1	3869.0	3814.7
3230.3	32.5°	3276.0	3321.8	3395.3	3469.1	3538.0	3607.0	3647.6	3688.3	3638.5	3588.6
3101.2	35°	3113.8	3126.4	3182.6	3238.6	3306.8	3375.2	3423.9	3472.6	3437.1	3401.8
2965.9	37.5°	2952.0	2938.1	2978.4	3018.6	3086.6	3154.8	3215.0	3275.2	3258.8	3242.5
2817.7	40°	2786.2	2754.8	2783.8	2812.8	2878.6	2944.3	3013.6	3083.0	3087.0	3090.8
2660.3	42.5°	2618.6	2576.8	2600.5	2624.3	2686.6	2749.0	2823.8	2898.6	2918.6	2938.6
2503.8	45°	2463.1	2422.5	2442.4	2462.5	2521.7	2580.8	2658.4	2736.0	2764.7	2793.4
2364.1	47.5°	2330.0	2295.9	2314.7	2333.3	2391.2	2449.0	2525.5	2602.0	2635.1	2668.1
2241.1	50°	2210.9	2180.8	2210.0	2239.4	2294.0	2348.4	2417.0	2485.5	2527.9	2570.4
2149.5	52.5°	2119.5	2089.8	2133.8	2177.6	2227.7	2277.7	2341.5	2405.5	2455.8	2506.0
2100.8	55°	2053.5	2006.3	2068.8	2131.0	2184.9	2238.9	2294.9	2350.7	2403.9	2457.3
2071.5	57.5°	2002.7	1933.8	2000.9	2068.1	2131.4	2194.7	2250.0	2305.5	2359.2	2412.8
2044.1	60°	1954.8	1865.4	1924.4	1983.2	2055.9	2128.6	2184.8	2241.1	2295.0	2349.0
2012.1	62.5°	1900.4	1788.9	1826.3	1863.7	1948.4	2033.3	2093.3	2153.3	2202.7	2252.1
1944.6	65°	1825.9	1707.2	1721.6	1735.9	1826.6	1917.6	1975.0	2032.4	2075.9	2119.4
1824.2	67.5°	1725.4	1626.6	1622.1	1617.6	1701.4	1785.4	1839.9	1894.1	1931.7	1969.3
1671.5	70°	1601.2	1531.0	1515.3	1499.7	1573.4	1647.1	1694.1	1741.1	1775.0	1808.9
1501.4	72.5°	1453.2	1405.0	1382.1	1359.3	1417.4	1475.3	1517.7	1560.2	1593.4	1626.6
1308.3	75°	1271.3	1234.1	1212.1	1190.1	1233.2	1276.3	1314.8	1353.2	1383.5	1413.7
1114.9	77.5°	1085.2	1055.4	1033.2	1010.9	1046.0	1081.0	1114.0	1147.1	1178.9	1210.6
894.4	80°	869.5	844.4	825.8	807.0	836.3	865.3	893.1	921.0	945.2	969.2
657.8	82.5°	645.6	633.5	620.2	607.0	604.6	602.2	592.4	582.7	634.2	685.6
433.1	85°	420.0	407.0	392.2	377.4	364.9	352.2	325.3	298.3	346.5	394.8
191.3	87.5°	186.1	180.9	178.1	175.3	174.8	174.3	153.8	133.1	153.2	173.6
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°
4532.7	0°	4532.7	4532.7	4532.7	4532.7	4532.7	4532.7	4532.7	4532.7	4532.7	4532.7
4196.1	2.5°	4179.6	4166.7	4153.9	4142.0	4130.0	4115.3	4130.0	4142.0	4153.9	4166.7
3948.1	5°	3925.3	3909.1	3893.0	3880.6	3868.3	3856.1	3868.3	3880.6	3893.0	3909.1
3799.4	7.5°	3772.3	3753.7	3735.2	3724.1	3713.1	3704.8	3713.1	3724.1	3735.2	3753.7
3756.6	10°	3726.0	3708.4	3690.9	3681.5	3672.1	3668.2	3672.1	3681.5	3690.9	3708.4
3833.5	12.5°	3794.4	3774.7	3755.2	3747.2	3739.2	3737.8	3739.2	3747.2	3755.2	3774.7
3995.2	15°	3935.8	3908.5	3881.3	3870.9	3860.4	3859.6	3860.4	3870.9	3881.3	3908.5
4159.4	17.5°	4071.8	4031.4	3990.9	3977.7	3964.3	3962.2	3964.3	3977.7	3990.9	4031.4
4261.7	20°	4154.4	4102.7	4050.9	4034.4	4017.9	4012.6	4017.9	4034.4	4050.9	4102.7
4268.1	22.5°	4157.3	4102.9	4048.3	4030.0	4011.8	4003.9	4011.8	4030.0	4048.3	4102.9
4171.3	25°	4073.2	4025.9	3978.7	3961.5	3944.5	3934.4	3944.5	3961.5	3978.7	4025.9
3984.6	27.5°	3908.3	3876.6	3844.8	3837.0	3829.1	3826.5	3829.1	3837.0	3844.8	3876.6
3760.1	30°	3705.1	3688.9	3672.6	3672.6	3672.6	3675.2	3672.6	3672.6	3672.6	3688.9
3544.9	32.5°	3501.3	3490.7	3480.1	3481.4	3483.0	3485.6	3483.0	3481.4	3480.1	3490.7
3361.4	35°	3321.3	3305.1	3289.1	3285.6	3282.1	3280.4	3282.1	3285.6	3289.1	3305.1
3205.4	37.5°	3168.2	3138.8	3109.6	3094.1	3078.6	3069.9	3078.6	3094.1	3109.6	3138.8
3059.3	40°	3027.8	2985.0	2942.6	2913.7	2885.2	2868.2	2885.2	2913.7	2942.6	2985.0
2912.0	42.5°	2885.6	2832.5	2779.5	2737.5	2695.6	2668.1	2695.6	2737.5	2779.5	2832.5
2769.4	45°	2745.5	2684.8	2624.3	2575.1	2525.9	2494.2	2525.9	2575.1	2624.3	2684.8
2651.4	47.5°	2634.7	2580.8	2526.9	2481.3	2435.9	2405.5	2435.9	2481.3	2526.9	2580.8
2569.3	50°	2568.6	2525.5	2482.4	2440.3	2398.2	2369.0	2398.2	2440.3	2482.4	2525.5
2515.1	52.5°	2524.1	2489.0	2453.8	2416.1	2378.5	2351.6	2378.5	2416.1	2453.8	2489.0
2469.8	55°	2482.4	2451.8	2421.1	2388.1	2355.1	2330.7	2355.1	2388.1	2421.1	2451.8
2425.5	57.5°	2438.2	2407.2	2376.3	2343.6	2310.7	2285.5	2310.7	2343.6	2376.3	2407.2
2362.9	60°	2376.8	2346.5	2316.4	2282.7	2249.0	2222.9	2249.0	2282.7	2316.4	2346.5
2265.5	62.5°	2278.9	2251.6	2224.3	2188.8	2153.3	2122.0	2153.3	2188.8	2224.3	2251.6
2133.1	65°	2146.7	2120.4	2094.2	2059.7	2025.5	1998.5	2025.5	2059.7	2094.2	2120.4
1982.7	67.5°	1995.9	1971.7	1947.7	1915.7	1883.7	1859.3	1883.7	1915.7	1947.7	1971.7
1821.8	70°	1834.6	1815.0	1795.3	1764.7	1734.1	1706.3	1734.1	1764.7	1795.3	1815.0
1641.9	72.5°	1657.2	1640.9	1624.5	1595.3	1566.3	1539.3	1566.3	1595.3	1624.5	1640.9
1429.7	75°	1445.7	1437.7	1429.7	1405.2	1380.7	1354.9	1380.7	1405.2	1429.7	1437.7
1225.5	77.5°	1240.5	1229.4	1217.9	1193.2	1168.5	1148.0	1168.5	1193.2	1217.9	1229.4
989.0	80°	1008.8	1003.9	999.2	966.0	932.6	894.0	932.6	966.0	999.2	1003.9
719.4	82.5°	753.1	751.0	748.8	720.8	692.6	667.9	692.6	720.8	748.8	751.0
436.6	85°	478.3	474.8	471.4	449.4	427.5	405.3	427.5	449.4	471.4	474.8
190.5	87.5°	207.3	203.2	198.6	187.5	176.0	165.2	176.0	187.5	198.6	203.2
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

160°		165°	170°	175°	180°	185°	190°	195°	200°	205°	210°
4532.7	0°	4532.7	4532.7	4532.7	4532.7	4532.7	4532.7	4532.7	4532.7	4532.7	4532.7
4179.6	2.5°	4196.1	4212.7	4233.2	4253.5	4279.8	4306.2	4332.5	4358.8	4388.7	4418.8
3925.3	5°	3948.1	3970.9	4003.6	4036.1	4078.6	4120.8	4167.4	4214.1	4266.8	4319.6
3772.3	7.5°	3799.4	3826.5	3865.1	3903.9	3955.6	4007.4	4066.2	4124.8	4194.4	4264.0
3726.0	10°	3756.6	3786.9	3833.3	3879.6	3937.8	3996.1	4059.4	4122.6	4192.1	4261.7
3794.4	12.5°	3833.5	3872.6	3931.8	3990.9	4051.1	4111.4	4160.8	4210.6	4256.5	4302.8
3935.8	15°	3995.2	4054.7	4138.9	4223.1	4275.4	4327.8	4340.7	4353.5	4347.3	4341.0
4071.8	17.5°	4159.4	4247.1	4358.6	4470.1	4512.2	4554.4	4514.3	4473.9	4398.1	4322.2
4154.4	20°	4261.7	4369.2	4496.5	4624.0	4643.7	4663.1	4578.8	4494.4	4362.6	4230.9
4157.3	22.5°	4268.1	4378.8	4500.5	4622.3	4610.6	4598.8	4489.0	4379.3	4228.7	4078.4
4073.2	25°	4171.3	4269.7	4369.4	4469.2	4429.0	4388.7	4280.7	4172.7	4037.3	3902.2
3908.3	27.5°	3984.6	4061.0	4132.0	4203.1	4158.0	4113.2	4026.6	3939.9	3829.0	3717.8
3705.1	30°	3760.1	3814.7	3869.0	3923.1	3886.5	3850.0	3778.0	3706.2	3614.0	3521.8
3501.3	32.5°	3544.9	3588.6	3638.5	3688.3	3647.6	3607.0	3538.0	3469.1	3395.3	3321.8
3321.3	35°	3361.4	3401.8	3437.1	3472.6	3423.9	3375.2	3306.8	3238.6	3182.6	3126.4
3168.2	37.5°	3205.4	3242.5	3258.8	3275.2	3215.0	3154.8	3086.6	3018.6	2978.4	2938.1
3027.8	40°	3059.3	3090.8	3087.0	3083.0	3013.6	2944.3	2878.6	2812.8	2783.8	2754.8
2885.6	42.5°	2912.0	2938.6	2918.6	2898.6	2823.8	2749.0	2686.6	2624.3	2600.5	2576.8
2745.5	45°	2769.4	2793.4	2764.7	2736.0	2658.4	2580.8	2521.7	2462.5	2442.4	2422.5
2634.7	47.5°	2651.4	2668.1	2635.1	2602.0	2525.5	2449.0	2391.2	2333.3	2314.7	2295.9
2568.6	50°	2569.3	2570.4	2527.9	2485.5	2417.0	2348.4	2294.0	2239.4	2210.0	2180.8
2524.1	52.5°	2515.1	2506.0	2455.8	2405.5	2341.5	2277.7	2227.7	2177.6	2133.8	2089.8
2482.4	55°	2469.8	2457.3	2403.9	2350.7	2294.9	2238.9	2184.9	2131.0	2068.8	2006.3
2438.2	57.5°	2425.5	2412.8	2359.2	2305.5	2250.0	2194.7	2131.4	2068.1	2000.9	1933.8
2376.8	60°	2362.9	2349.0	2295.0	2241.1	2184.8	2128.6	2055.9	1983.2	1924.4	1865.4
2278.9	62.5°	2265.5	2252.1	2202.7	2153.3	2093.3	2033.3	1948.4	1863.7	1826.3	1788.9
2146.7	65°	2133.1	2119.4	2075.9	2032.4	1975.0	1917.6	1826.6	1735.9	1721.6	1707.2
1995.9	67.5°	1982.7	1969.3	1931.7	1894.1	1839.9	1785.4	1701.4	1617.6	1622.1	1626.6
1834.6	70°	1821.8	1808.9	1775.0	1741.1	1694.1	1647.1	1573.4	1499.7	1515.3	1531.0
1657.2	72.5°	1641.9	1626.6	1593.4	1560.2	1517.7	1475.3	1417.4	1359.3	1382.1	1405.0
1445.7	75°	1429.7	1413.7	1383.5	1353.2	1314.8	1276.3	1233.2	1190.1	1212.1	1234.1
1240.5	77.5°	1225.5	1210.6	1178.9	1147.1	1114.0	1081.0	1046.0	1010.9	1033.2	1055.4
1008.8	80°	989.0	969.2	945.2	921.0	893.1	865.3	836.3	807.0	825.8	844.4
753.1	82.5°	719.4	685.6	634.2	582.7	592.4	602.2	604.6	607.0	620.2	633.5
478.3	85°	436.6	394.8	346.5	298.3	325.3	352.2	364.9	377.4	392.2	407.0
207.3	87.5°	190.5	173.6	153.2	133.1	153.8	174.3	174.8	175.3	178.1	180.9
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):

215°		220°	225°	230°	235°	240°	245°	250°	255°	260°	265°
4532.7	0°	4532.7	4532.7	4532.7	4532.7	4532.7	4532.7	4532.7	4532.7	4532.7	4532.7
4452.0	2.5°	4485.4	4526.6	4563.7	4601.9	4640.2	4680.2	4720.2	4759.9	4799.7	4837.1
4382.8	5°	4445.7	4517.9	4591.0	4668.4	4745.8	4828.6	4911.5	4993.8	5076.2	5158.9
4347.6	7.5°	4431.5	4524.9	4624.5	4732.5	4840.6	4963.2	5085.8	5211.7	5337.7	5473.8
4350.1	10°	4438.4	4538.8	4661.8	4789.8	4917.4	5066.5	5215.4	5381.7	5548.1	5720.5
4374.8	12.5°	4447.1	4540.5	4669.8	4814.3	4958.8	5134.5	5310.2	5498.7	5687.3	5876.5
4375.5	15°	4410.1	4484.9	4628.0	4795.3	4962.7	5164.9	5367.2	5571.8	5776.3	5973.7
4309.7	17.5°	4297.0	4343.1	4511.5	4712.7	4914.0	5148.8	5383.6	5606.7	5829.9	6030.1
4171.8	20°	4112.6	4124.8	4320.8	4570.3	4819.7	5104.2	5388.8	5634.0	5879.3	6087.5
3990.9	22.5°	3903.4	3879.6	4102.7	4403.1	4703.5	5049.6	5395.8	5670.9	5945.9	6158.6
3801.3	25°	3700.4	3636.1	3864.8	4216.5	4568.4	4995.7	5423.2	5737.7	6052.0	6260.2
3620.4	27.5°	3523.0	3444.7	3652.9	4045.9	4438.8	4959.7	5480.6	5842.1	6203.3	6402.1
3444.2	30°	3367.0	3305.6	3480.4	3903.2	4326.1	4942.8	5559.2	5977.2	6395.2	6587.0
3276.0	32.5°	3230.3	3203.0	3343.9	3780.3	4216.5	4922.0	5627.1	6118.3	6609.5	6799.4
3113.8	35°	3101.2	3112.5	3229.9	3659.4	4088.8	4882.6	5676.8	6279.0	6881.1	7063.2
2952.0	37.5°	2965.9	3007.3	3109.9	3517.1	3924.3	4815.3	5706.4	6459.0	7211.6	7443.6
2786.2	40°	2817.7	2881.2	2974.3	3347.3	3720.4	4722.6	5725.0	6687.6	7649.9	7988.1
2618.6	42.5°	2660.3	2740.3	2826.1	3160.0	3494.0	4627.0	5760.3	6986.5	8212.8	8700.8
2463.1	45°	2503.8	2581.2	2668.1	2961.0	3253.9	4538.1	5822.4	7380.0	8937.6	9595.9
2330.0	47.5°	2364.1	2430.7	2542.9	2803.6	3064.4	4464.7	5865.0	7799.2	9733.3	10660.0
2210.9	50°	2241.1	2318.5	2466.0	2699.1	2932.2	4384.7	5837.2	8188.1	10539.0	11936.0
2119.5	52.5°	2149.5	2257.7	2427.2	2630.2	2833.4	4249.5	5665.9	8440.6	11215.2	13276.3
2053.5	55°	2100.8	2263.7	2421.5	2580.3	2739.1	4025.5	5311.9	8385.0	11457.8	14464.6
2002.7	57.5°	2071.5	2269.8	2409.0	2521.2	2633.3	3709.6	4785.8	7993.3	11200.9	15306.8
1954.8	60°	2044.1	2250.7	2342.5	2430.7	2518.9	3299.5	4080.1	7264.3	10448.5	15517.3
1900.4	62.5°	2012.1	2203.7	2215.0	2273.5	2332.1	2808.7	3285.2	6278.6	9272.0	14631.1
1825.9	65°	1944.6	2090.7	2089.3	2116.9	2144.6	2367.1	2589.5	5273.0	7956.6	13377.2
1725.4	67.5°	1824.2	1906.3	1910.1	1894.8	1879.3	1942.7	2005.8	4287.8	6569.8	11885.0
1601.2	70°	1671.5	1698.5	1698.5	1627.0	1555.3	1537.4	1519.3	3376.0	5232.8	10256.8
1453.2	72.5°	1501.4	1501.0	1484.0	1382.6	1281.0	1226.4	1172.0	2581.0	3990.0	8491.8
1271.3	75°	1308.3	1314.9	1236.3	1122.6	1008.8	959.4	910.0	1873.3	2836.5	6468.4
1085.2	77.5°	1114.9	1118.4	988.8	878.4	767.9	734.2	700.6	1269.4	1838.1	4527.3
869.5	80°	894.4	894.9	740.1	646.7	553.1	539.2	525.3	817.8	1110.6	2916.9
645.6	82.5°	657.8	650.5	518.3	449.4	380.6	377.8	375.3	503.0	631.0	1688.2
420.0	85°	433.1	423.5	325.3	274.8	224.4	225.8	227.0	268.9	311.0	759.4
186.1	87.5°	191.3	179.2	138.3	117.6	97.1	98.3	99.5	111.5	123.5	248.7
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):

270°		275°	280°	285°	290°	295°	300°	305°	310°	315°	320°
4532.7	0°	4532.7	4532.7	4532.7	4532.7	4532.7	4532.7	4532.7	4532.7	4532.7	4532.7
4874.5	2.5°	4892.9	4911.5	4937.8	4964.1	4979.7	4995.4	5003.2	5011.0	5007.5	5011.0
5241.5	5°	5306.0	5370.7	5434.7	5498.9	5533.7	5568.5	5589.5	5610.7	5626.7	5610.7
5610.2	7.5°	5715.3	5820.1	5914.6	6009.0	6065.9	6122.8	6153.6	6184.2	6199.0	6184.2
5892.9	10°	6017.0	6141.2	6252.0	6362.8	6430.0	6496.7	6526.7	6556.4	6567.7	6556.4
6065.9	12.5°	6200.5	6335.0	6435.2	6535.0	6583.7	6632.4	6648.8	6665.1	6666.9	6665.1
6171.1	15°	6287.3	6403.3	6466.1	6529.1	6530.8	6532.6	6515.2	6497.8	6477.3	6497.8
6230.3	17.5°	6308.7	6387.2	6388.4	6389.4	6319.0	6248.5	6184.0	6119.3	6073.7	6119.3
6295.5	20°	6322.8	6350.3	6267.7	6185.1	6029.6	5874.1	5760.8	5647.6	5578.0	5647.6
6371.2	22.5°	6335.3	6299.5	6128.4	5957.2	5728.5	5499.8	5358.2	5216.6	5139.7	5216.6
6468.6	25°	6355.5	6242.5	5982.6	5722.7	5445.0	5167.2	5018.3	4869.8	4797.1	4869.8
6600.8	27.5°	6398.7	6196.4	5852.2	5508.1	5200.3	4892.4	4745.9	4599.7	4531.0	4599.7
6779.0	30°	6477.6	6176.4	5752.7	5329.0	5008.2	4687.5	4551.7	4415.8	4351.8	4415.8
6989.5	32.5°	6576.8	6164.2	5684.8	5205.5	4904.0	4602.6	4496.0	4389.2	4343.1	4389.2
7245.2	35°	6740.1	6235.2	5735.6	5236.3	5026.8	4817.6	4792.7	4767.9	4764.0	4767.9
7675.7	37.5°	7081.5	6487.4	6033.4	5579.4	5565.9	5552.3	5666.0	5779.8	5838.9	5779.8
8326.2	40°	7680.0	7033.9	6696.3	6358.6	6596.9	6835.2	7111.8	7388.3	7526.1	7388.3
9188.9	42.5°	8547.8	7906.7	7712.2	7517.7	8037.4	8557.2	9060.2	9563.2	9858.5	9563.2
10254.2	45°	9678.3	9102.3	9016.5	8930.6	9763.2	10596.0	11422.5	12249.2	12751.0	12249.2
11586.6	47.5°	11026.3	10465.9	10448.5	10431.1	11632.3	12833.1	14043.2	15253.1	15963.6	15253.1
13332.8	50°	12640.8	11948.9	11951.8	11954.8	13502.8	15050.8	16648.0	18245.2	19210.9	18245.2
15337.4	52.5°	14499.4	13661.6	13576.9	13492.0	15341.1	17190.2	19166.4	21142.4	22300.0	21142.4
17471.6	55°	16643.7	15815.7	15485.4	15155.1	17213.1	19270.9	21626.8	23982.8	25359.4	23982.8
19412.7	57.5°	18961.8	18510.8	17848.3	17186.0	19264.0	21341.9	24010.4	26678.7	28385.9	26678.7
20585.9	60°	21286.1	21986.5	21163.8	20341.1	22307.6	24274.1	27131.1	29988.2	31833.2	29988.2
19990.1	62.5°	21903.6	23817.0	23724.3	23631.4	25432.8	27234.4	29952.7	32670.7	34376.1	32670.7
18797.8	65°	20593.7	22389.5	22744.9	23100.1	25389.4	27678.8	30314.6	32950.2	34402.2	32950.2
17200.2	67.5°	18908.3	20616.3	20782.9	20949.4	23334.7	25719.8	28366.9	31014.0	32151.5	31014.0
15280.9	70°	17138.7	18996.6	19071.1	19145.7	21278.8	23411.7	25689.7	27967.6	28599.8	27967.6
12993.7	72.5°	15125.6	17257.6	17311.2	17364.6	19033.5	20702.4	22408.5	24114.4	24178.4	24114.4
10100.3	75°	12306.8	14513.3	14711.4	14909.5	16208.0	17506.4	18707.4	19908.4	19586.6	19908.4
7216.5	77.5°	9276.2	11336.1	11619.6	11903.1	12890.2	13877.3	14729.0	15580.9	15027.8	15580.9
4723.2	80°	6456.0	8188.8	8541.2	8893.5	9639.0	10384.2	10831.5	11278.7	10389.0	11278.7
2745.5	82.5°	3930.2	5115.0	5508.6	5902.4	6415.5	6928.6	7115.3	7301.7	6602.5	7301.7
1208.0	85°	1836.7	2465.5	2800.3	3135.1	3556.8	3978.2	4084.1	4190.0	3630.0	4190.0
374.0	87.5°	585.3	796.6	983.4	1170.2	1381.0	1591.8	1600.9	1609.8	1351.5	1609.8
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):

325°		330°	335°	340°	345°	350°	355°	360°
4532.7	0°	4532.7	4532.7	4532.7	4532.7	4532.7	4532.7	4532.7
5003.2	2.5°	4995.4	4979.7	4964.1	4937.8	4911.5	4892.9	4874.5
5589.5	5°	5568.5	5533.7	5498.9	5434.7	5370.7	5306.0	5241.5
6153.6	7.5°	6122.8	6065.9	6009.0	5914.6	5820.1	5715.3	5610.2
6526.7	10°	6496.7	6430.0	6362.8	6252.0	6141.2	6017.0	5892.9
6648.8	12.5°	6632.4	6583.7	6535.0	6435.2	6335.0	6200.5	6065.9
6515.2	15°	6532.6	6530.8	6529.1	6466.1	6403.3	6287.3	6171.1
6184.0	17.5°	6248.5	6319.0	6389.4	6388.4	6387.2	6308.7	6230.3
5760.8	20°	5874.1	6029.6	6185.1	6267.7	6350.3	6322.8	6295.5
5358.2	22.5°	5499.8	5728.5	5957.2	6128.4	6299.5	6335.3	6371.2
5018.3	25°	5167.2	5445.0	5722.7	5982.6	6242.5	6355.5	6468.6
4745.9	27.5°	4892.4	5200.3	5508.1	5852.2	6196.4	6398.7	6600.8
4551.7	30°	4687.5	5008.2	5329.0	5752.7	6176.4	6477.6	6779.0
4496.0	32.5°	4602.6	4904.0	5205.5	5684.8	6164.2	6576.8	6989.5
4792.7	35°	4817.6	5026.8	5236.3	5735.6	6235.2	6740.1	7245.2
5666.0	37.5°	5552.3	5565.9	5579.4	6033.4	6487.4	7081.5	7675.7
7111.8	40°	6835.2	6596.9	6358.6	6696.3	7033.9	7680.0	8326.2
9060.2	42.5°	8557.2	8037.4	7517.7	7712.2	7906.7	8547.8	9188.9
11422.5	45°	10596.0	9763.2	8930.6	9016.5	9102.3	9678.3	10254.2
14043.2	47.5°	12833.1	11632.3	10431.1	10448.5	10465.9	11026.3	11586.6
16648.0	50°	15050.8	13502.8	11954.8	11951.8	11948.9	12640.8	13332.8
19166.4	52.5°	17190.2	15341.1	13492.0	13576.9	13661.6	14499.4	15337.4
21626.8	55°	19270.9	17213.1	15155.1	15485.4	15815.7	16643.7	17471.6
24010.4	57.5°	21341.9	19264.0	17186.0	17848.3	18510.8	18961.8	19412.7
27131.1	60°	24274.1	22307.6	20341.1	21163.8	21986.5	21286.1	20585.9
29952.7	62.5°	27234.4	25432.8	23631.4	23724.3	23817.0	21903.6	19990.1
30314.6	65°	27678.8	25389.4	23100.1	22744.9	22389.5	20593.7	18797.8
28366.9	67.5°	25719.8	23334.7	20949.4	20782.9	20616.3	18908.3	17200.2
25689.7	70°	23411.7	21278.8	19145.7	19071.1	18996.6	17138.7	15280.9
22408.5	72.5°	20702.4	19033.5	17364.6	17311.2	17257.6	15125.6	12993.7
18707.4	75°	17506.4	16208.0	14909.5	14711.4	14513.3	12306.8	10100.3
14729.0	77.5°	13877.3	12890.2	11903.1	11619.6	11336.1	9276.2	7216.5
10831.5	80°	10384.2	9639.0	8893.5	8541.2	8188.8	6456.0	4723.2
7115.3	82.5°	6928.6	6415.5	5902.4	5508.6	5115.0	3930.2	2745.5
4084.1	85°	3978.2	3556.8	3135.1	2800.3	2465.5	1836.7	1208.0
1600.9	87.5°	1591.8	1381.0	1170.2	983.4	796.6	585.3	374.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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