

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: P969957

Luminaire Tested: **NVN-SB6A-827-U-SLL**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P969957
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: NVN-SB6A-827-U-SLL
Description: NAVION ROADWAY AND AREA HIGH DENSITY LED LUMINAIRE
(6) 80 CRI, 2700K, 350mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR LEFT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 24158.2 lumens
Efficiency: N/A
Efficacy: 141.4 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B3 - U0 - G5

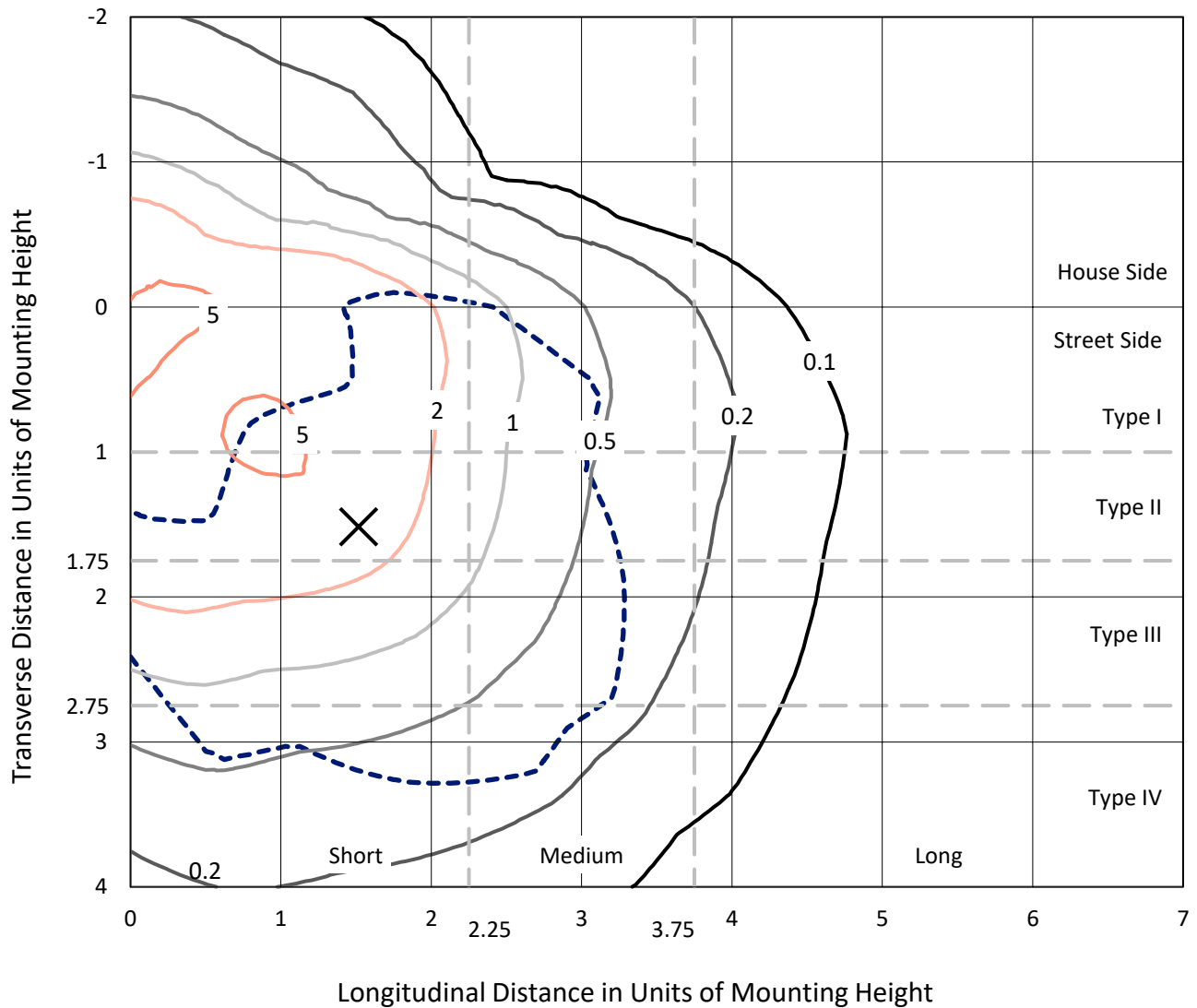
Input Watts (W): 170.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

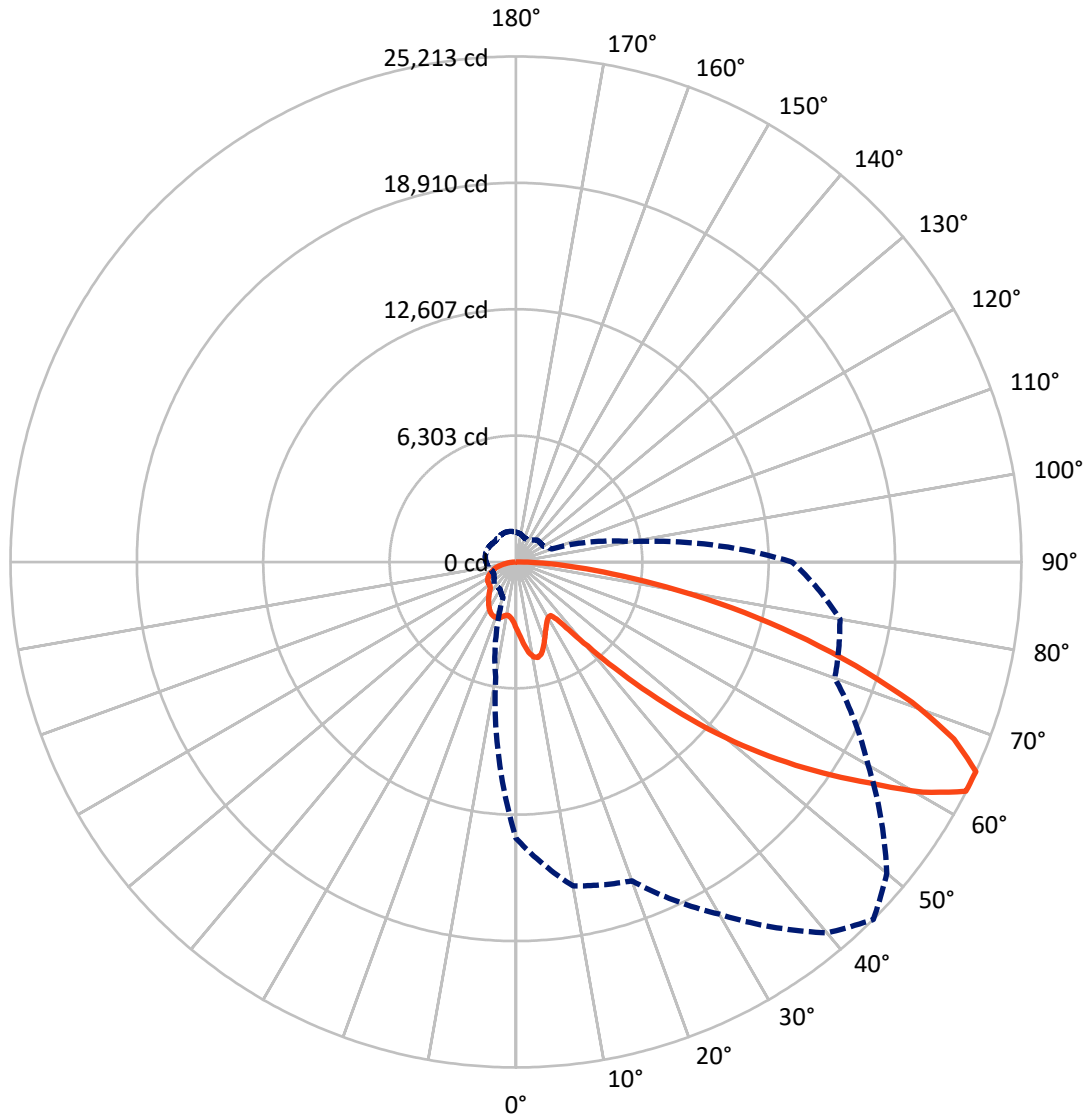
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 7.4 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral - - - Horizontal Cone Through 65-Deg Vertical

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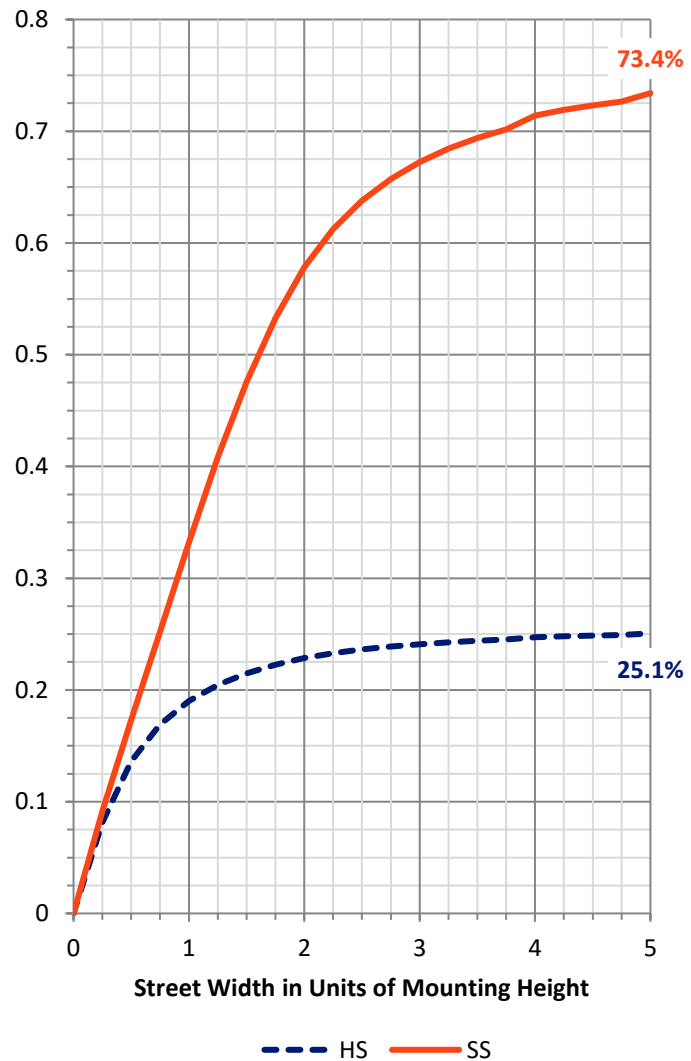
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	6139.8	0.0	6139.8
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	18018.4	0.0	18018.4
	% Fixture	74.6	0.0	74.6
Total	Lumens	24158.2	0.0	24158.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	329.5	1.4
10°-20°	1034.5	4.3
20°-30°	1597.9	6.6
30°-40°	2025.0	8.4
40°-50°	3054.2	12.6
50°-60°	4934.4	20.4
60°-70°	6151.6	25.5
70°-80°	4033.9	16.7
80°-90°	997.3	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°	24158.2	100.0
0°-180°	24158.2	100.0



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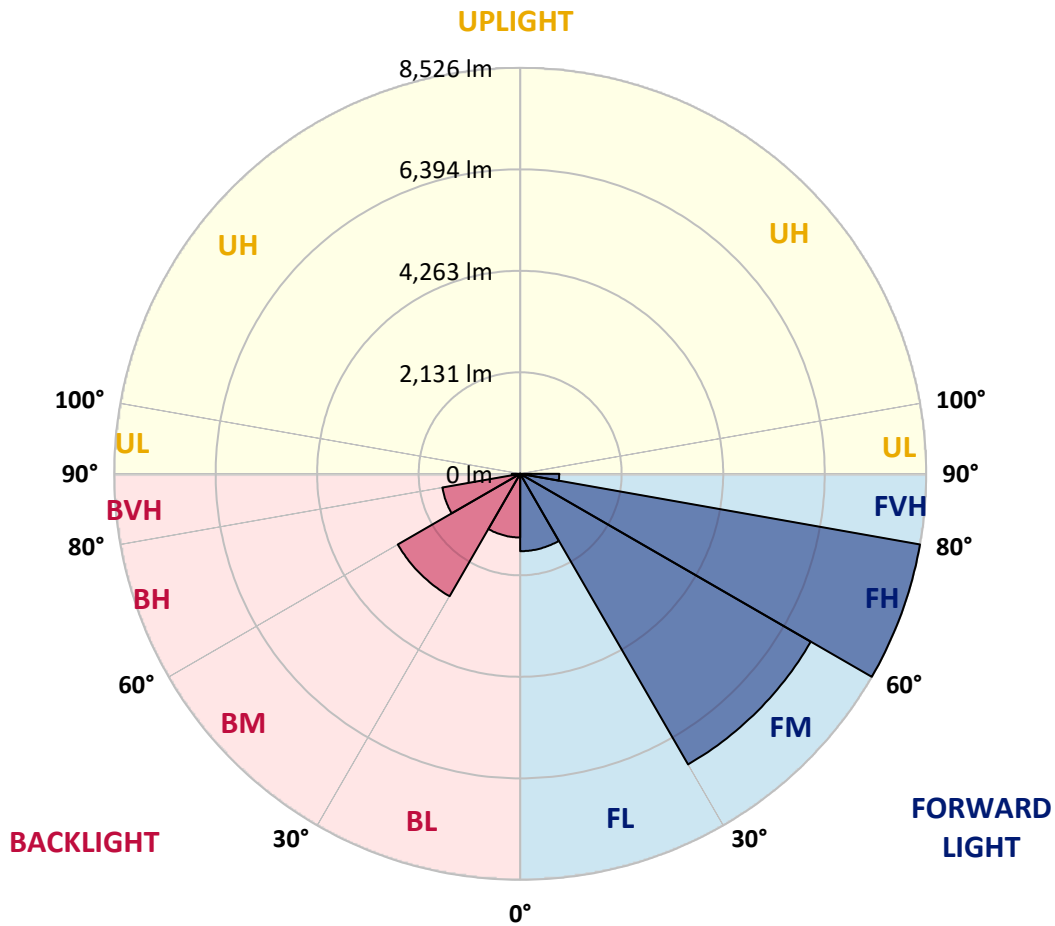
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1624.9	6.7			
FM (30°-60°)	7046.4	29.2			
FH (60°-80°)	8525.5	35.3			G4/12000
FVH (80°-90°)	821.5	3.4			G5
BL (0°-30°)	1337.0	5.5	B3/2500		
BM (30°-60°)	2967.1	12.3	B3/5000		
BH (60°-80°)	1659.9	6.9	B3/2500		G3/2500
BVH (80°-90°)	175.7	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°	50°
0°	3321.9	3321.9	3321.9	3321.9	3321.9	3321.9	3321.9	3321.9	3321.9	3321.9	3321.9
2.5°	3572.4	3586.0	3599.6	3618.9	3638.1	3649.6	3661.1	3666.7	3672.5	3670.0	3672.5
5°	3841.4	3888.7	3936.1	3983.0	4030.1	4055.6	4081.0	4096.5	4112.1	4123.8	4112.1
7.5°	4111.7	4188.7	4265.5	4334.7	4403.9	4445.6	4487.3	4509.9	4532.3	4543.2	4532.3
10°	4318.8	4409.9	4500.9	4582.1	4663.2	4712.4	4761.4	4783.4	4805.1	4813.4	4805.1
12.5°	4445.6	4544.3	4642.8	4716.2	4789.4	4825.1	4860.9	4872.8	4884.8	4886.1	4884.8
15°	4522.8	4607.9	4693.0	4739.0	4785.1	4786.3	4787.7	4774.9	4762.2	4747.1	4762.2
17.5°	4566.1	4623.6	4681.1	4682.0	4682.7	4631.2	4579.5	4532.2	4484.8	4451.4	4484.8
20°	4613.9	4633.9	4654.1	4593.5	4533.0	4419.0	4305.0	4222.1	4139.1	4088.1	4139.1
22.5°	4669.4	4643.1	4616.8	4491.4	4366.0	4198.3	4030.7	3927.0	3823.1	3766.9	3823.1
25°	4740.7	4657.9	4575.0	4384.5	4194.1	3990.5	3787.0	3677.9	3569.0	3515.7	3569.0
27.5°	4837.6	4689.5	4541.3	4289.0	4036.9	3811.3	3585.6	3478.2	3371.0	3320.7	3371.0
30°	4968.3	4747.4	4526.6	4216.0	3905.6	3670.5	3435.4	3335.9	3236.3	3189.4	3236.3
32.5°	5122.5	4820.1	4517.7	4166.3	3815.0	3594.2	3373.2	3295.1	3216.8	3183.0	3216.8
35°	5309.9	4939.8	4569.7	4203.5	3837.6	3684.2	3530.7	3512.6	3494.3	3491.5	3494.3
37.5°	5625.4	5190.0	4754.5	4421.8	4089.1	4079.2	4069.2	4152.6	4235.9	4279.3	4235.9
40°	6102.1	5628.6	5155.0	4907.6	4660.2	4834.8	5009.5	5212.1	5414.9	5515.8	5414.9
42.5°	6734.5	6264.6	5794.7	5652.2	5509.7	5890.6	6271.5	6640.2	7008.7	7225.2	7008.7
45°	7515.2	7093.1	6670.9	6608.1	6545.1	7155.3	7765.7	8371.5	8977.4	9345.1	8977.4
47.5°	8491.6	8081.1	7670.4	7657.6	7644.9	8525.2	9405.3	10292.1	11178.9	11699.6	11178.9
50°	9771.5	9264.3	8757.2	8759.3	8761.5	9896.1	11030.5	12201.2	13371.7	14079.5	13371.7
52.5°	11240.7	10626.5	10012.4	9950.3	9888.2	11243.3	12598.5	14046.8	15495.0	16343.4	15495.0
55°	12804.7	12197.9	11591.2	11349.1	11107.0	12615.3	14123.5	15850.1	17576.7	18585.7	17576.7
57.5°	14227.3	13897.0	13566.4	13080.8	12595.4	14118.4	15641.3	17597.0	19552.6	20803.7	19552.6
60°	15087.2	15600.4	16113.7	15510.7	14907.8	16349.1	17790.2	19884.1	21977.9	23330.2	21977.9
62.5°	14650.5	16052.9	17455.2	17387.3	17319.2	18639.4	19959.8	21952.0	23944.0	25193.9	23944.0
65°	13776.7	15092.9	16409.0	16669.5	16929.8	18607.5	20285.6	22217.3	24148.9	25213.1	24148.9
67.5°	12605.9	13857.7	15109.4	15231.6	15353.6	17101.7	18849.8	20789.8	22729.8	23563.5	22729.8
70°	11199.2	12560.8	13922.4	13977.0	14031.6	15595.0	17158.2	18827.7	20497.1	20960.5	20497.1
72.5°	9523.0	11085.4	12648.0	12687.2	12726.3	13949.4	15172.6	16423.0	17673.3	17720.1	17673.3
75°	7402.4	9019.5	10636.6	10781.9	10927.0	11878.6	12830.2	13710.4	14590.7	14354.8	14590.7
77.5°	5288.9	6798.4	8308.1	8515.9	8723.7	9447.1	10170.5	10794.7	11419.1	11013.7	11419.1
80°	3461.5	4731.6	6001.5	6259.7	6518.0	7064.3	7610.4	7938.3	8266.0	7614.0	8266.0
82.5°	2012.2	2880.4	3748.7	4037.3	4325.8	4701.9	5078.0	5214.7	5351.3	4838.9	5351.3
85°	885.3	1346.1	1807.0	2052.4	2297.7	2606.7	2915.6	2993.2	3070.8	2660.4	3070.8
87.5°	274.1	429.0	583.8	720.8	857.6	1012.2	1166.7	1173.3	1179.8	990.5	1179.8
90°	0.0	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):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	3321.9	3321.9	3321.9	3321.9	3321.9	3321.9	3321.9	3321.9	3321.9	3321.9	3321.9
2.5°	3666.7	3661.1	3649.6	3638.1	3618.9	3599.6	3586.0	3572.4	3545.1	3517.6	3488.5
5°	4096.5	4081.0	4055.6	4030.1	3983.0	3936.1	3888.7	3841.4	3780.9	3720.3	3659.9
7.5°	4509.9	4487.3	4445.6	4403.9	4334.7	4265.5	4188.7	4111.7	4011.7	3911.9	3819.7
10°	4783.4	4761.4	4712.4	4663.2	4582.1	4500.9	4409.9	4318.8	4192.5	4066.2	3944.2
12.5°	4872.8	4860.9	4825.1	4789.4	4716.2	4642.8	4544.3	4445.6	4306.8	4168.2	4030.0
15°	4774.9	4787.7	4786.3	4785.1	4739.0	4693.0	4607.9	4522.8	4378.1	4233.4	4083.5
17.5°	4532.2	4579.5	4631.2	4682.7	4682.0	4681.1	4623.6	4566.1	4419.4	4272.7	4109.1
20°	4222.1	4305.0	4419.0	4533.0	4593.5	4654.1	4633.9	4613.9	4461.4	4308.9	4129.1
22.5°	3927.0	4030.7	4198.3	4366.0	4491.4	4616.8	4643.1	4669.4	4513.6	4357.7	4156.2
25°	3677.9	3787.0	3990.5	4194.1	4384.5	4575.0	4657.9	4740.7	4588.0	4435.5	4205.1
27.5°	3478.2	3585.6	3811.3	4036.9	4289.0	4541.3	4689.5	4837.6	4692.0	4546.4	4281.6
30°	3335.9	3435.4	3670.5	3905.6	4216.0	4526.6	4747.4	4968.3	4827.5	4686.9	4380.6
32.5°	3295.1	3373.2	3594.2	3815.0	4166.3	4517.7	4820.1	5122.5	4983.2	4844.0	4484.0
35°	3512.6	3530.7	3684.2	3837.6	4203.5	4569.7	4939.8	5309.9	5176.6	5043.1	4601.8
37.5°	4152.6	4069.2	4079.2	4089.1	4421.8	4754.5	5190.0	5625.4	5455.4	5285.3	4733.8
40°	5212.1	5009.5	4834.8	4660.2	4907.6	5155.0	5628.6	6102.1	5854.4	5606.5	4901.2
42.5°	6640.2	6271.5	5890.6	5509.7	5652.2	5794.7	6264.6	6734.5	6376.7	6019.0	5120.4
45°	8371.5	7765.7	7155.3	6545.1	6608.1	6670.9	7093.1	7515.2	7032.7	6550.3	5408.7
47.5°	10292.1	9405.3	8525.2	7644.9	7657.6	7670.4	8081.1	8491.6	7812.7	7133.4	5715.9
50°	12201.2	11030.5	9896.1	8761.5	8759.3	8757.2	9264.3	9771.5	8747.8	7723.9	6001.0
52.5°	14046.8	12598.5	11243.3	9888.2	9950.3	10012.4	10626.5	11240.7	9730.0	8219.5	6186.1
55°	15850.1	14123.5	12615.3	11107.0	11349.1	11591.2	12197.9	12804.7	10601.0	8397.3	6145.3
57.5°	17597.0	15641.3	14118.4	12595.4	13080.8	13566.4	13897.0	14227.3	11218.2	8209.0	5858.2
60°	19884.1	17790.2	16349.1	14907.8	15510.7	16113.7	15600.4	15087.2	11372.5	7657.6	5324.0
62.5°	21952.0	19959.8	18639.4	17319.2	17387.3	17455.2	16052.9	14650.5	10722.9	6795.3	4601.5
65°	22217.3	20285.6	18607.5	16929.8	16669.5	16409.0	15092.9	13776.7	9804.0	5831.3	3864.5
67.5°	20789.8	18849.8	17101.7	15353.6	15231.6	15109.4	13857.7	12605.9	8710.4	4814.9	3142.4
70°	18827.7	17158.2	15595.0	14031.6	13977.0	13922.4	12560.8	11199.2	7517.1	3835.0	2474.2
72.5°	16423.0	15172.6	13949.4	12726.3	12687.2	12648.0	11085.4	9523.0	6223.5	2924.2	1891.5
75°	13710.4	12830.2	11878.6	10927.0	10781.9	10636.6	9019.5	7402.4	4740.6	2078.8	1372.9
77.5°	10794.7	10170.5	9447.1	8723.7	8515.9	8308.1	6798.4	5288.9	3318.0	1347.2	930.3
80°	7938.3	7610.4	7064.3	6518.0	6259.7	6001.5	4731.6	3461.5	2137.7	814.0	599.4
82.5°	5214.7	5078.0	4701.9	4325.8	4037.3	3748.7	2880.4	2012.2	1237.3	462.5	368.7
85°	2993.2	2915.6	2606.7	2297.7	2052.4	1807.0	1346.1	885.3	556.6	228.0	197.1
87.5°	1173.3	1166.7	1012.2	857.6	720.8	583.8	429.0	274.1	182.2	90.5	81.7
90°	0.0	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):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	3321.9	3321.9	3321.9	3321.9	3321.9	3321.9	3321.9	3321.9	3321.9	3321.9	3321.9
2.5°	3459.4	3430.1	3400.7	3372.7	3344.7	3317.5	3287.3	3262.8	3238.5	3216.4	3194.5
5°	3599.6	3538.8	3478.1	3421.3	3364.7	3311.2	3258.3	3212.0	3165.8	3127.1	3088.4
7.5°	3727.3	3637.4	3547.6	3468.4	3389.3	3316.2	3247.8	3186.3	3125.0	3074.1	3023.0
10°	3822.3	3713.2	3603.9	3510.4	3416.5	3326.4	3252.8	3188.2	3123.4	3072.3	3021.4
12.5°	3891.8	3763.0	3634.2	3528.4	3422.4	3327.7	3259.3	3206.2	3153.4	3119.5	3085.9
15°	3933.5	3785.3	3637.1	3514.4	3391.8	3286.9	3232.1	3206.7	3181.5	3186.1	3190.6
17.5°	3945.5	3773.4	3601.3	3453.9	3306.4	3183.0	3149.2	3158.5	3167.8	3223.3	3278.9
20°	3949.4	3740.8	3532.3	3349.5	3166.7	3023.0	3014.1	3057.5	3100.8	3197.3	3293.9
22.5°	3954.4	3700.9	3447.2	3227.0	3006.8	2843.4	2860.8	2924.8	2989.0	3099.2	3209.6
25°	3974.6	3661.3	3348.1	3090.2	2832.5	2664.8	2712.0	2786.0	2859.9	2959.0	3058.1
27.5°	4016.7	3635.0	3253.1	2965.1	2677.2	2524.6	2582.0	2653.3	2724.8	2806.2	2887.5
30°	4074.3	3622.6	3170.5	2860.7	2550.7	2422.6	2467.6	2524.3	2581.1	2648.6	2716.2
32.5°	4124.0	3607.3	3090.2	2770.5	2450.7	2347.5	2367.4	2401.0	2434.5	2488.4	2542.5
35°	4160.5	3578.5	2996.7	2681.9	2367.1	2281.1	2272.8	2282.1	2291.4	2332.5	2373.6
37.5°	4182.2	3529.1	2876.0	2577.7	2279.2	2204.1	2173.7	2163.5	2153.3	2182.8	2212.3
40°	4195.8	3461.1	2726.7	2453.2	2179.8	2111.6	2065.1	2042.0	2018.9	2040.3	2061.5
42.5°	4221.7	3391.0	2560.7	2316.0	2071.2	2008.4	1949.8	1919.1	1888.6	1905.9	1923.3
45°	4267.2	3325.9	2384.8	2170.1	1955.5	1891.7	1835.0	1805.1	1775.4	1790.0	1804.8
47.5°	4298.4	3272.1	2245.9	2054.7	1863.7	1781.4	1732.7	1707.6	1682.6	1696.4	1710.1
50°	4278.0	3213.5	2148.9	1978.1	1807.3	1699.2	1642.5	1620.3	1598.3	1619.7	1641.2
52.5°	4152.5	3114.5	2076.5	1927.6	1778.9	1654.7	1575.3	1553.4	1531.6	1563.8	1595.9
55°	3893.1	2950.3	2007.5	1891.0	1774.7	1659.1	1539.7	1504.9	1470.4	1516.2	1561.8
57.5°	3507.4	2718.7	1930.0	1847.8	1765.5	1663.6	1518.2	1467.7	1417.3	1466.5	1515.7
60°	2990.2	2418.2	1846.0	1781.4	1716.8	1649.5	1498.0	1432.6	1367.1	1410.4	1453.4
62.5°	2407.7	2058.4	1709.2	1666.2	1623.4	1615.1	1474.6	1392.8	1311.1	1338.4	1365.9
65°	1897.8	1734.8	1571.7	1551.4	1531.2	1532.3	1425.2	1338.2	1251.1	1261.8	1272.2
67.5°	1470.1	1423.7	1377.4	1388.7	1399.9	1397.1	1336.9	1264.5	1192.2	1188.8	1185.5
70°	1113.5	1126.8	1139.9	1192.4	1244.8	1244.8	1225.0	1173.5	1122.1	1110.6	1099.1
72.5°	859.0	898.8	938.8	1013.3	1087.6	1100.1	1100.3	1065.1	1029.7	1012.9	996.2
75°	667.0	703.2	739.3	822.7	906.1	963.7	958.9	931.7	904.5	888.4	872.2
77.5°	513.4	538.0	562.8	643.7	724.7	819.7	817.1	795.3	773.5	757.2	740.9
80°	385.0	395.1	405.4	474.0	542.4	655.9	655.5	637.2	618.9	605.3	591.5
82.5°	275.1	276.9	278.9	329.4	379.9	476.7	482.1	473.1	464.2	454.6	444.8
85°	166.4	165.4	164.4	201.4	238.4	310.4	317.4	307.8	298.3	287.4	276.6
87.5°	72.9	72.1	71.1	86.2	101.4	131.3	140.2	136.4	132.5	130.5	128.5
90°	0.0	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):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	3321.9	3321.9	3321.9	3321.9	3321.9	3321.9	3321.9	3321.9	3321.9	3321.9	3321.9
2.5°	3175.2	3156.0	3136.6	3117.3	3102.5	3087.4	3075.3	3063.2	3053.8	3044.4	3035.6
5°	3054.3	3020.1	2989.1	2958.0	2934.2	2910.2	2893.6	2876.9	2865.0	2853.1	2844.1
7.5°	2980.1	2937.0	2899.0	2861.2	2832.7	2804.4	2784.5	2764.6	2751.0	2737.5	2729.4
10°	2975.1	2928.7	2886.0	2843.4	2809.4	2775.4	2753.1	2730.7	2717.9	2705.0	2698.1
12.5°	3049.4	3013.2	2969.0	2924.8	2881.6	2838.2	2809.5	2780.8	2766.5	2752.1	2746.3
15°	3181.2	3171.8	3133.4	3095.1	3033.4	2971.7	2928.1	2884.5	2864.5	2844.6	2836.9
17.5°	3308.5	3337.9	3307.0	3276.1	3194.4	3112.6	3048.5	2984.2	2954.6	2924.8	2915.2
20°	3355.7	3417.6	3403.3	3388.9	3295.5	3202.1	3123.4	3044.7	3006.8	2968.9	2956.7
22.5°	3289.9	3370.4	3379.1	3387.6	3298.3	3209.2	3128.1	3046.9	3006.9	2967.0	2953.5
25°	3137.2	3216.4	3246.0	3275.4	3202.3	3129.2	3057.1	2985.2	2950.5	2915.9	2903.3
27.5°	2951.0	3014.5	3047.4	3080.4	3028.3	2976.3	2920.3	2864.4	2841.1	2817.8	2812.1
30°	2768.8	2821.6	2848.4	2875.1	2835.6	2795.8	2755.7	2715.4	2703.5	2691.6	2691.6
32.5°	2592.9	2643.6	2673.2	2703.1	2666.6	2630.0	2598.1	2566.1	2558.3	2550.5	2551.5
35°	2423.5	2473.6	2509.3	2545.0	2519.0	2493.1	2463.6	2434.1	2422.3	2410.5	2407.9
37.5°	2262.2	2312.1	2356.3	2400.3	2388.4	2376.4	2349.2	2321.9	2300.4	2279.0	2267.6
40°	2109.7	2157.8	2208.6	2259.5	2262.4	2265.2	2242.1	2219.0	2187.7	2156.6	2135.5
42.5°	1968.9	2014.7	2069.6	2124.3	2139.0	2153.6	2134.2	2114.8	2075.9	2037.0	2006.3
45°	1848.1	1891.4	1948.3	2005.2	2026.2	2047.2	2029.6	2012.2	1967.7	1923.3	1887.2
47.5°	1752.5	1794.9	1850.9	1907.0	1931.2	1955.5	1943.2	1931.0	1891.4	1852.0	1818.6
50°	1681.2	1721.2	1771.4	1821.6	1852.7	1883.8	1883.0	1882.5	1850.9	1819.3	1788.4
52.5°	1632.7	1669.3	1716.1	1763.0	1799.8	1836.6	1843.3	1849.9	1824.2	1798.4	1770.7
55°	1601.4	1640.8	1681.9	1722.8	1761.8	1800.9	1810.2	1819.3	1796.8	1774.5	1750.2
57.5°	1562.1	1608.4	1649.0	1689.7	1729.1	1768.3	1777.7	1786.9	1764.2	1741.6	1717.6
60°	1506.7	1560.0	1601.2	1642.5	1682.0	1721.5	1731.7	1741.9	1719.7	1697.7	1673.0
62.5°	1427.9	1490.1	1534.1	1578.1	1614.4	1650.6	1660.3	1670.1	1650.1	1630.2	1604.1
65°	1338.8	1405.4	1447.5	1489.5	1521.4	1553.3	1563.3	1573.3	1554.0	1534.7	1509.5
67.5°	1246.9	1308.5	1348.4	1388.2	1415.7	1443.3	1453.0	1462.8	1445.0	1427.4	1404.0
70°	1153.1	1207.1	1241.6	1276.0	1300.8	1325.7	1335.2	1344.6	1330.1	1315.8	1293.3
72.5°	1038.7	1081.3	1112.3	1143.5	1167.8	1192.2	1203.4	1214.5	1202.6	1190.6	1169.2
75°	903.7	935.4	963.6	991.8	1013.9	1036.1	1047.9	1059.5	1053.7	1047.9	1029.8
77.5°	766.6	792.2	816.5	840.7	864.0	887.2	898.2	909.2	901.0	892.6	874.4
80°	612.8	634.2	654.6	675.0	692.7	710.3	724.8	739.3	735.7	732.4	708.0
82.5°	443.1	441.4	434.2	427.0	464.7	502.5	527.3	552.0	550.4	548.8	528.3
85°	267.4	258.1	238.4	218.6	253.9	289.4	320.0	350.5	348.0	345.4	329.4
87.5°	128.1	127.7	112.6	97.5	112.3	127.2	139.6	151.9	148.9	145.5	137.5
90°	0.0	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):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	3321.9	3321.9	3321.9	3321.9	3321.9	3321.9	3321.9	3321.9	3321.9	3321.9	3321.9
2.5°	3026.8	3016.1	3026.8	3035.6	3044.4	3053.8	3063.2	3075.3	3087.4	3102.5	3117.3
5°	2835.0	2826.1	2835.0	2844.1	2853.1	2865.0	2876.9	2893.6	2910.2	2934.2	2958.0
7.5°	2721.3	2715.2	2721.3	2729.4	2737.5	2751.0	2764.6	2784.5	2804.4	2832.7	2861.2
10°	2691.2	2688.4	2691.2	2698.1	2705.0	2717.9	2730.7	2753.1	2775.4	2809.4	2843.4
12.5°	2740.4	2739.4	2740.4	2746.3	2752.1	2766.5	2780.8	2809.5	2838.2	2881.6	2924.8
15°	2829.3	2828.6	2829.3	2836.9	2844.6	2864.5	2884.5	2928.1	2971.7	3033.4	3095.1
17.5°	2905.4	2903.8	2905.4	2915.2	2924.8	2954.6	2984.2	3048.5	3112.6	3194.4	3276.1
20°	2944.6	2940.8	2944.6	2956.7	2968.9	3006.8	3044.7	3123.4	3202.1	3295.5	3388.9
22.5°	2940.2	2934.5	2940.2	2953.5	2967.0	3006.9	3046.9	3128.1	3209.2	3298.3	3387.6
25°	2890.8	2883.4	2890.8	2903.3	2915.9	2950.5	2985.2	3057.1	3129.2	3202.3	3275.4
27.5°	2806.3	2804.4	2806.3	2812.1	2817.8	2841.1	2864.4	2920.3	2976.3	3028.3	3080.4
30°	2691.6	2693.5	2691.6	2691.6	2691.6	2703.5	2715.4	2755.7	2795.8	2835.6	2875.1
32.5°	2552.7	2554.6	2552.7	2551.5	2550.5	2558.3	2566.1	2598.1	2630.0	2666.6	2703.1
35°	2405.5	2404.1	2405.5	2407.9	2410.5	2422.3	2434.1	2463.6	2493.1	2519.0	2545.0
37.5°	2256.3	2249.9	2256.3	2267.6	2279.0	2300.4	2321.9	2349.2	2376.4	2388.4	2400.3
40°	2114.6	2102.1	2114.6	2135.5	2156.6	2187.7	2219.0	2242.1	2265.2	2262.4	2259.5
42.5°	1975.6	1955.5	1975.6	2006.3	2037.0	2075.9	2114.8	2134.2	2153.6	2139.0	2124.3
45°	1851.2	1828.0	1851.2	1887.2	1923.3	1967.7	2012.2	2029.6	2047.2	2026.2	2005.2
47.5°	1785.2	1763.0	1785.2	1818.6	1852.0	1891.4	1931.0	1943.2	1955.5	1931.2	1907.0
50°	1757.6	1736.1	1757.6	1788.4	1819.3	1850.9	1882.5	1883.0	1883.8	1852.7	1821.6
52.5°	1743.2	1723.4	1743.2	1770.7	1798.4	1824.2	1849.9	1843.3	1836.6	1799.8	1763.0
55°	1726.0	1708.2	1726.0	1750.2	1774.5	1796.8	1819.3	1810.2	1800.9	1761.8	1722.8
57.5°	1693.5	1675.1	1693.5	1717.6	1741.6	1764.2	1786.9	1777.7	1768.3	1729.1	1689.7
60°	1648.2	1629.1	1648.2	1673.0	1697.7	1719.7	1741.9	1731.7	1721.5	1682.0	1642.5
62.5°	1578.1	1555.1	1578.1	1604.1	1630.2	1650.1	1670.1	1660.3	1650.6	1614.4	1578.1
65°	1484.4	1464.6	1484.4	1509.5	1534.7	1554.0	1573.3	1563.3	1553.3	1521.4	1489.5
67.5°	1380.6	1362.7	1380.6	1404.0	1427.4	1445.0	1462.8	1453.0	1443.3	1415.7	1388.2
70°	1270.9	1250.5	1270.9	1293.3	1315.8	1330.1	1344.6	1335.2	1325.7	1300.8	1276.0
72.5°	1147.9	1128.1	1147.9	1169.2	1190.6	1202.6	1214.5	1203.4	1192.2	1167.8	1143.5
75°	1011.9	993.0	1011.9	1029.8	1047.9	1053.7	1059.5	1047.9	1036.1	1013.9	991.8
77.5°	856.4	841.3	856.4	874.4	892.6	901.0	909.2	898.2	887.2	864.0	840.7
80°	683.5	655.2	683.5	708.0	732.4	735.7	739.3	724.8	710.3	692.7	675.0
82.5°	507.6	489.5	507.6	528.3	548.8	550.4	552.0	527.3	502.5	464.7	427.0
85°	313.3	297.0	313.3	329.4	345.4	348.0	350.5	320.0	289.4	253.9	218.6
87.5°	129.0	121.1	129.0	137.5	145.5	148.9	151.9	139.6	127.2	112.3	97.5
90°	0.0	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):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	3321.9	3321.9	3321.9	3321.9	3321.9	3321.9	3321.9	3321.9	3321.9	3321.9	3321.9
2.5°	3136.6	3156.0	3175.2	3194.5	3216.4	3238.5	3262.8	3287.3	3317.5	3344.7	3372.7
5°	2989.1	3020.1	3054.3	3088.4	3127.1	3165.8	3212.0	3258.3	3311.2	3364.7	3421.3
7.5°	2899.0	2937.0	2980.1	3023.0	3074.1	3125.0	3186.3	3247.8	3316.2	3389.3	3468.4
10°	2886.0	2928.7	2975.1	3021.4	3072.3	3123.4	3188.2	3252.8	3326.4	3416.5	3510.4
12.5°	2969.0	3013.2	3049.4	3085.9	3119.5	3153.4	3206.2	3259.3	3327.7	3422.4	3528.4
15°	3133.4	3171.8	3181.2	3190.6	3186.1	3181.5	3206.7	3232.1	3286.9	3391.8	3514.4
17.5°	3307.0	3337.9	3308.5	3278.9	3223.3	3167.8	3158.5	3149.2	3183.0	3306.4	3453.9
20°	3403.3	3417.6	3355.7	3293.9	3197.3	3100.8	3057.5	3014.1	3023.0	3166.7	3349.5
22.5°	3379.1	3370.4	3289.9	3209.6	3099.2	2989.0	2924.8	2860.8	2843.4	3006.8	3227.0
25°	3246.0	3216.4	3137.2	3058.1	2959.0	2859.9	2786.0	2712.0	2664.8	2832.5	3090.2
27.5°	3047.4	3014.5	2951.0	2887.5	2806.2	2724.8	2653.3	2582.0	2524.6	2677.2	2965.1
30°	2848.4	2821.6	2768.8	2716.2	2648.6	2581.1	2524.3	2467.6	2422.6	2550.7	2860.7
32.5°	2673.2	2643.6	2592.9	2542.5	2488.4	2434.5	2401.0	2367.4	2347.5	2450.7	2770.5
35°	2509.3	2473.6	2423.5	2373.6	2332.5	2291.4	2282.1	2272.8	2281.1	2367.1	2681.9
37.5°	2356.3	2312.1	2262.2	2212.3	2182.8	2153.3	2163.5	2173.7	2204.1	2279.2	2577.7
40°	2208.6	2157.8	2109.7	2061.5	2040.3	2018.9	2042.0	2065.1	2111.6	2179.8	2453.2
42.5°	2069.6	2014.7	1968.9	1923.3	1905.9	1888.6	1919.1	1949.8	2008.4	2071.2	2316.0
45°	1948.3	1891.4	1848.1	1804.8	1790.0	1775.4	1805.1	1835.0	1891.7	1955.5	2170.1
47.5°	1850.9	1794.9	1752.5	1710.1	1696.4	1682.6	1707.6	1732.7	1781.4	1863.7	2054.7
50°	1771.4	1721.2	1681.2	1641.2	1619.7	1598.3	1620.3	1642.5	1699.2	1807.3	1978.1
52.5°	1716.1	1669.3	1632.7	1595.9	1563.8	1531.6	1553.4	1575.3	1654.7	1778.9	1927.6
55°	1681.9	1640.8	1601.4	1561.8	1516.2	1470.4	1504.9	1539.7	1659.1	1774.7	1891.0
57.5°	1649.0	1608.4	1562.1	1515.7	1466.5	1417.3	1467.7	1518.2	1663.6	1765.5	1847.8
60°	1601.2	1560.0	1506.7	1453.4	1410.4	1367.1	1432.6	1498.0	1649.5	1716.8	1781.4
62.5°	1534.1	1490.1	1427.9	1365.9	1338.4	1311.1	1392.8	1474.6	1615.1	1623.4	1666.2
65°	1447.5	1405.4	1338.8	1272.2	1261.8	1251.1	1338.2	1425.2	1532.3	1531.2	1551.4
67.5°	1348.4	1308.5	1246.9	1185.5	1188.8	1192.2	1264.5	1336.9	1397.1	1399.9	1388.7
70°	1241.6	1207.1	1153.1	1099.1	1110.6	1122.1	1173.5	1225.0	1244.8	1244.8	1192.4
72.5°	1112.3	1081.3	1038.7	996.2	1012.9	1029.7	1065.1	1100.3	1100.1	1087.6	1013.3
75°	963.6	935.4	903.7	872.2	888.4	904.5	931.7	958.9	963.7	906.1	822.7
77.5°	816.5	792.2	766.6	740.9	757.2	773.5	795.3	817.1	819.7	724.7	643.7
80°	654.6	634.2	612.8	591.5	605.3	618.9	637.2	655.5	655.9	542.4	474.0
82.5°	434.2	441.4	443.1	444.8	454.6	464.2	473.1	482.1	476.7	379.9	329.4
85°	238.4	258.1	267.4	276.6	287.4	298.3	307.8	317.4	310.4	238.4	201.4
87.5°	112.6	127.7	128.1	128.5	130.5	132.5	136.4	140.2	131.3	101.4	86.2
90°	0.0	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):

	330°	335°	340°	345°	350°	355°	360°
0°	3321.9	3321.9	3321.9	3321.9	3321.9	3321.9	3321.9
2.5°	3400.7	3430.1	3459.4	3488.5	3517.6	3545.1	3572.4
5°	3478.1	3538.8	3599.6	3659.9	3720.3	3780.9	3841.4
7.5°	3547.6	3637.4	3727.3	3819.7	3911.9	4011.7	4111.7
10°	3603.9	3713.2	3822.3	3944.2	4066.2	4192.5	4318.8
12.5°	3634.2	3763.0	3891.8	4030.0	4168.2	4306.8	4445.6
15°	3637.1	3785.3	3933.5	4083.5	4233.4	4378.1	4522.8
17.5°	3601.3	3773.4	3945.5	4109.1	4272.7	4419.4	4566.1
20°	3532.3	3740.8	3949.4	4129.1	4308.9	4461.4	4613.9
22.5°	3447.2	3700.9	3954.4	4156.2	4357.7	4513.6	4669.4
25°	3348.1	3661.3	3974.6	4205.1	4435.5	4588.0	4740.7
27.5°	3253.1	3635.0	4016.7	4281.6	4546.4	4692.0	4837.6
30°	3170.5	3622.6	4074.3	4380.6	4686.9	4827.5	4968.3
32.5°	3090.2	3607.3	4124.0	4484.0	4844.0	4983.2	5122.5
35°	2996.7	3578.5	4160.5	4601.8	5043.1	5176.6	5309.9
37.5°	2876.0	3529.1	4182.2	4733.8	5285.3	5455.4	5625.4
40°	2726.7	3461.1	4195.8	4901.2	5606.5	5854.4	6102.1
42.5°	2560.7	3391.0	4221.7	5120.4	6019.0	6376.7	6734.5
45°	2384.8	3325.9	4267.2	5408.7	6550.3	7032.7	7515.2
47.5°	2245.9	3272.1	4298.4	5715.9	7133.4	7812.7	8491.6
50°	2148.9	3213.5	4278.0	6001.0	7723.9	8747.8	9771.5
52.5°	2076.5	3114.5	4152.5	6186.1	8219.5	9730.0	11240.7
55°	2007.5	2950.3	3893.1	6145.3	8397.3	10601.0	12804.7
57.5°	1930.0	2718.7	3507.4	5858.2	8209.0	11218.2	14227.3
60°	1846.0	2418.2	2990.2	5324.0	7657.6	11372.5	15087.2
62.5°	1709.2	2058.4	2407.7	4601.5	6795.3	10722.9	14650.5
65°	1571.7	1734.8	1897.8	3864.5	5831.3	9804.0	13776.7
67.5°	1377.4	1423.7	1470.1	3142.4	4814.9	8710.4	12605.9
70°	1139.9	1126.8	1113.5	2474.2	3835.0	7517.1	11199.2
72.5°	938.8	898.8	859.0	1891.5	2924.2	6223.5	9523.0
75°	739.3	703.2	667.0	1372.9	2078.8	4740.6	7402.4
77.5°	562.8	538.0	513.4	930.3	1347.2	3318.0	5288.9
80°	405.4	395.1	385.0	599.4	814.0	2137.7	3461.5
82.5°	278.9	276.9	275.1	368.7	462.5	1237.3	2012.2
85°	164.4	165.4	166.4	197.1	228.0	556.6	885.3
87.5°	71.1	72.1	72.9	81.7	90.5	182.2	274.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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