

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: P951224

Luminaire Tested: **GLAN-SB5B-940-U-SLL**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P951224
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-SB5B-940-U-SLL
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(5) 90 CRI, 4000K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR LEFT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 20538 lumens
Efficiency: N/A
Efficacy: 112.4 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B3 - U0 - G4

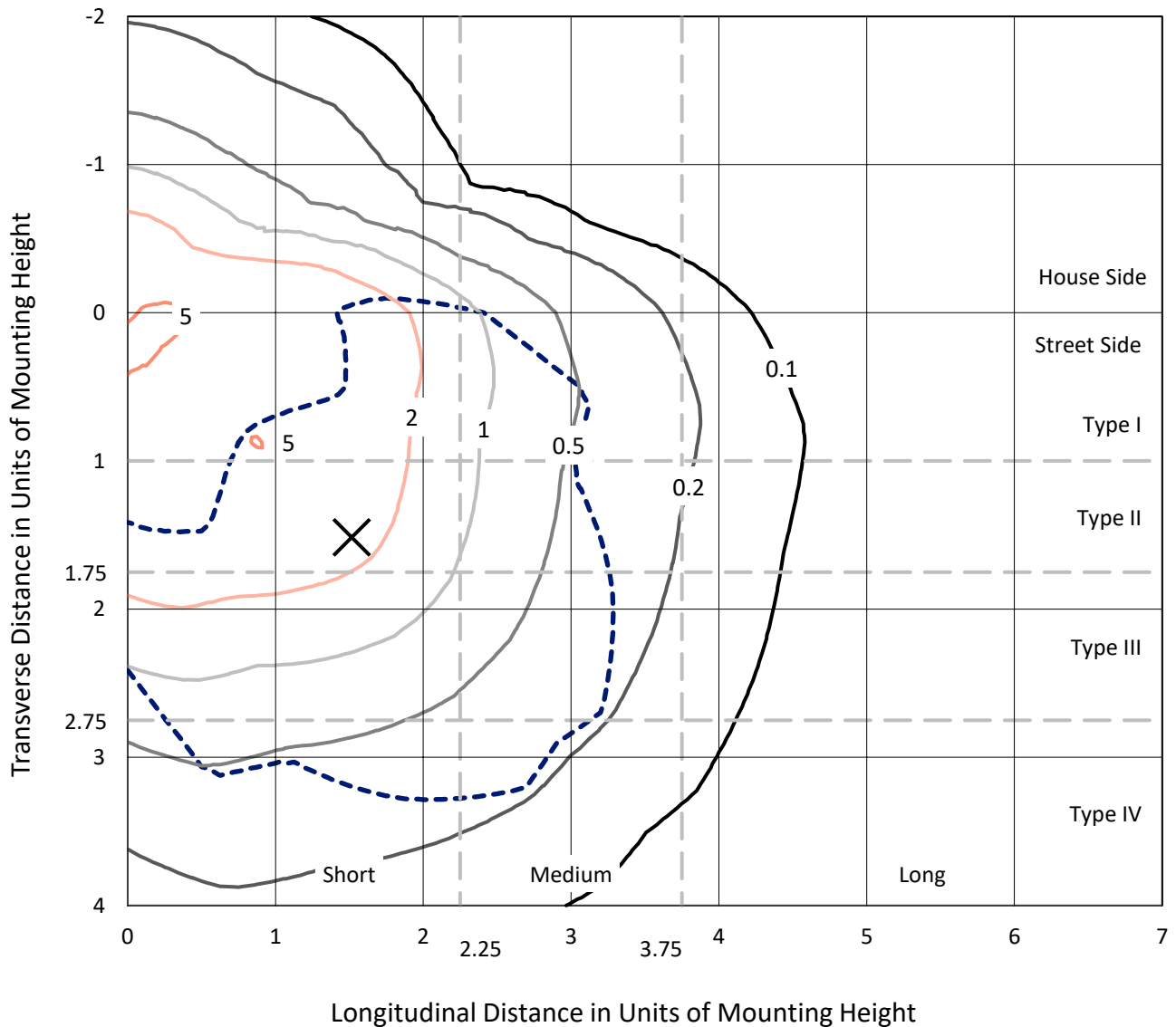
Input Watts (W): 182.7
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

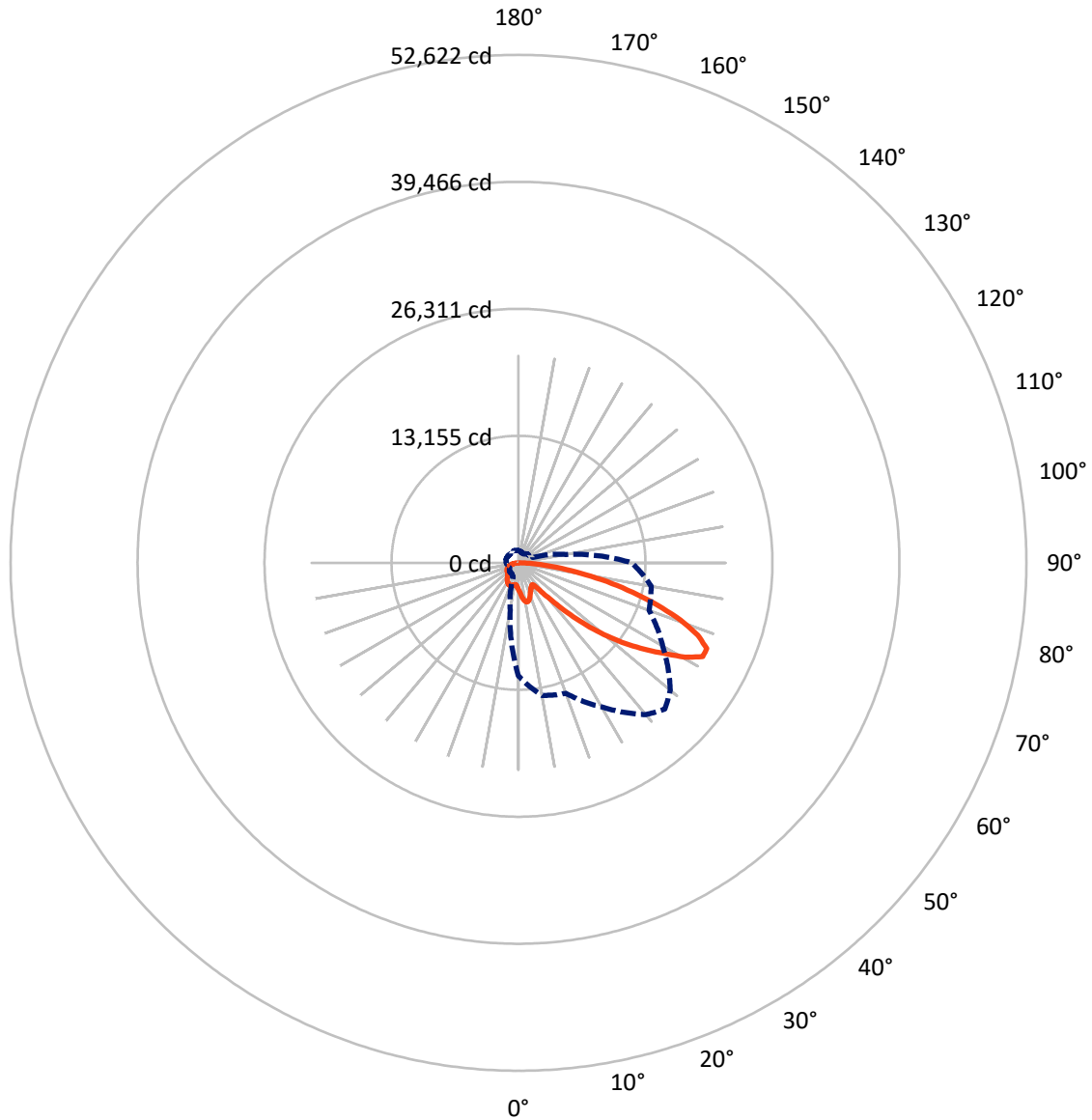
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 6.3 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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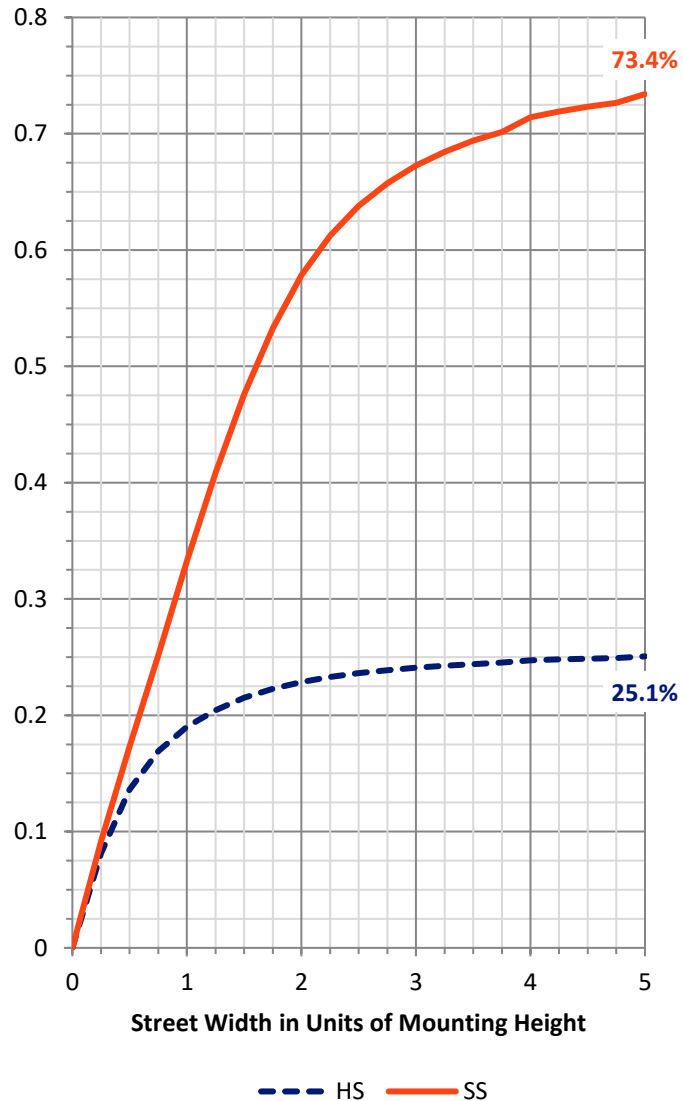
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5219.7	0.0	5219.7
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	15318.3	0.0	15318.3
	% Fixture	74.6	0.0	74.6
Total	Lumens	20538.0	0.0	20538.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	280.2	1.4
10°-20°	879.5	4.3
20°-30°	1358.5	6.6
30°-40°	1721.5	8.4
40°-50°	2596.5	12.6
50°-60°	4195.0	20.4
60°-70°	5229.7	25.5
70°-80°	3429.4	16.7
80°-90°	847.8	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°	20538.0	100.0
0°-180°	20538.0	100.0

Coefficient of Utilization



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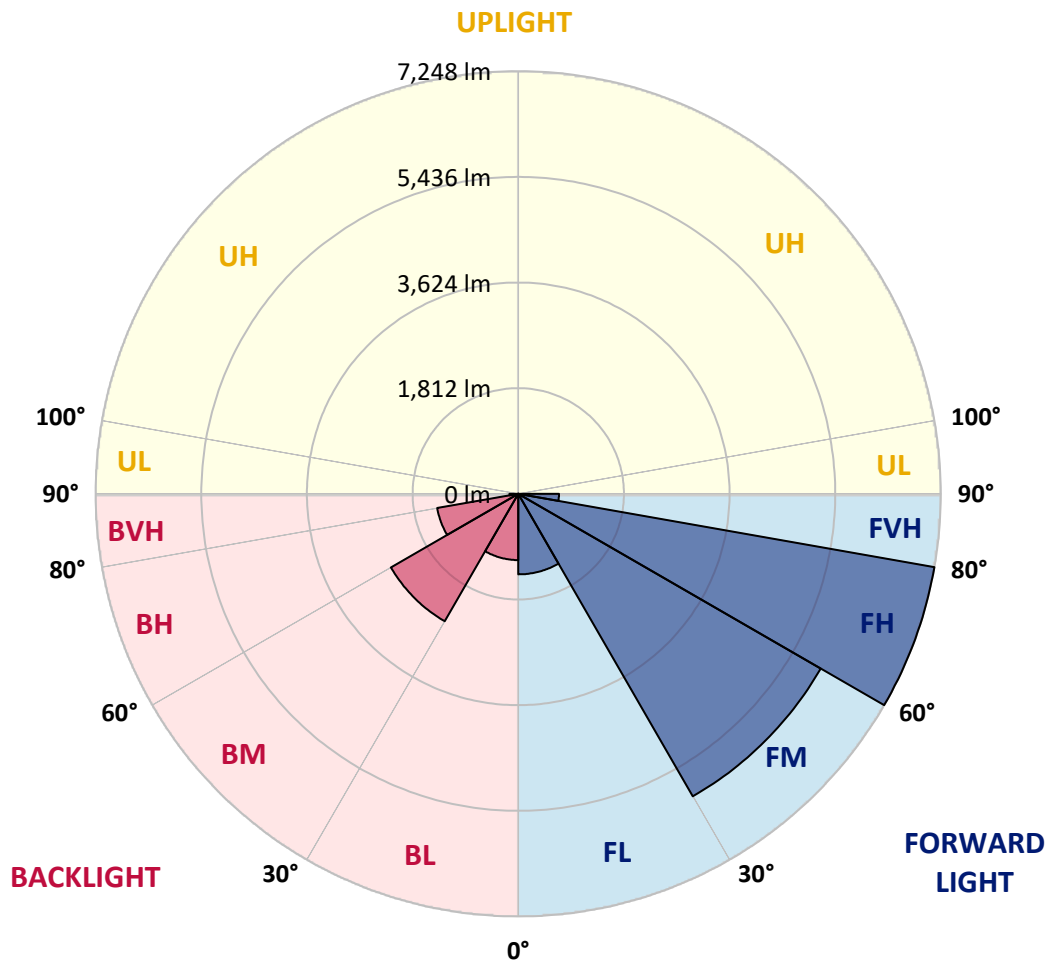
CATALOG NUMBER: GLAN-SB5B-940-U-SLL

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1381.4	6.7			
FM (30°-60°)	5990.5	29.2			
FH (60°-80°)	7247.9	35.3			G3/7500
FVH (80°-90°)	698.4	3.4			G4/750
BL (0°-30°)	1136.7	5.5	B3/2500		
BM (30°-60°)	2522.5	12.3	B3/5000		
BH (60°-80°)	1411.2	6.9	B3/2500		G3/2500
BVH (80°-90°)	149.4	0.7			G2/225
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G4

Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°
0°	2824.2	2824.2	2824.2	2824.2	2824.2	2824.2	2824.2	2824.2	2824.2	2824.2
2.5°	3037.1	3048.6	3060.2	3076.5	3092.9	3102.7	3112.4	3117.3	3122.2	3120.0
5°	3265.8	3306.0	3346.3	3386.2	3426.2	3447.8	3469.5	3482.6	3495.8	3505.8
7.5°	3495.5	3561.0	3626.3	3685.2	3744.0	3779.4	3814.9	3834.1	3853.1	3862.3
10°	3671.6	3749.0	3826.4	3895.4	3964.4	4006.3	4047.9	4066.5	4085.1	4092.1
12.5°	3779.4	3863.3	3947.1	4009.5	4071.7	4102.1	4132.4	4142.6	4152.8	4153.9
15°	3845.0	3917.4	3989.7	4028.8	4068.0	4069.1	4070.2	4059.4	4048.5	4035.7
17.5°	3881.9	3930.7	3979.6	3980.4	3981.0	3937.1	3893.2	3853.0	3812.7	3784.3
20°	3922.5	3939.5	3956.6	3905.2	3853.7	3756.8	3659.9	3589.4	3518.8	3475.5
22.5°	3969.6	3947.3	3925.0	3818.3	3711.7	3569.2	3426.7	3338.5	3250.3	3202.4
25°	4030.3	3959.9	3889.4	3727.5	3565.6	3392.6	3219.5	3126.7	3034.2	2988.9
27.5°	4112.7	3986.8	3860.7	3646.3	3431.9	3240.1	3048.3	2957.0	2865.9	2823.1
30°	4223.8	4036.0	3848.3	3584.3	3320.3	3120.4	2920.6	2836.0	2751.3	2711.4
32.5°	4354.9	4097.7	3840.7	3542.0	3243.3	3055.5	2867.7	2801.3	2734.7	2706.0
35°	4514.2	4199.5	3884.9	3573.6	3262.5	3132.0	3001.7	2986.2	2970.7	2968.3
37.5°	4782.4	4412.2	4042.0	3759.2	3476.3	3467.9	3459.4	3530.3	3601.2	3638.0
40°	5187.7	4785.1	4382.5	4172.2	3961.8	4110.3	4258.8	4431.1	4603.4	4689.2
42.5°	5725.2	5325.8	4926.3	4805.2	4684.0	5007.8	5331.6	5645.1	5958.5	6142.5
45°	6389.0	6030.2	5671.3	5617.9	5564.3	6083.1	6602.0	7116.9	7632.0	7944.7
47.5°	7219.1	6870.1	6520.9	6510.1	6499.2	7247.6	7995.8	8749.8	9503.6	9946.3
50°	8307.2	7876.0	7444.9	7446.7	7448.6	8413.1	9377.6	10372.7	11367.9	11969.6
52.5°	9556.2	9034.0	8512.0	8459.2	8406.3	9558.4	10710.5	11941.8	13173.1	13894.3
55°	10885.9	10370.0	9854.2	9648.4	9442.6	10724.8	12007.0	13474.9	14942.8	15800.5
57.5°	12095.3	11814.4	11533.4	11120.6	10707.9	12002.6	13297.4	14960.0	16622.5	17686.2
60°	12826.3	13262.6	13699.0	13186.4	12673.8	13899.0	15124.3	16904.4	18684.5	19834.1
62.5°	12455.1	13647.3	14839.5	14781.7	14723.8	15846.2	16968.8	18662.4	20355.9	21418.5
65°	11712.2	12831.1	13950.1	14171.5	14392.8	15819.2	17245.6	18887.9	20530.0	21434.7
67.5°	10716.8	11781.0	12845.2	12949.1	13052.8	14539.0	16025.1	17674.4	19323.7	20032.4
70°	9520.9	10678.5	11836.1	11882.5	11929.0	13258.0	14587.0	16006.3	17425.5	17819.5
72.5°	8095.9	9424.2	10752.6	10786.0	10819.2	11859.1	12898.9	13961.9	15024.8	15064.7
75°	6293.1	7667.9	9042.7	9166.1	9289.6	10098.6	10907.6	11655.9	12404.2	12203.7
77.5°	4496.3	5779.6	7063.1	7239.7	7416.4	8031.4	8646.4	9177.1	9707.9	9363.3
80°	2942.8	4022.5	5102.1	5321.7	5541.2	6005.7	6470.0	6748.7	7027.3	6473.0
82.5°	1710.6	2448.8	3187.0	3432.2	3677.6	3997.3	4317.0	4433.2	4549.4	4113.8
85°	752.6	1144.4	1536.2	1744.8	1953.4	2216.1	2478.7	2544.7	2610.7	2261.7
87.5°	233.0	364.7	496.3	612.7	729.1	860.5	991.8	997.4	1003.0	842.0
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):

50°		55°	60°	65°	70°	75°	80°	85°	90°	95°	100°
2824.2	0°	2824.2	2824.2	2824.2	2824.2	2824.2	2824.2	2824.2	2824.2	2824.2	2824.2
3122.2	2.5°	3117.3	3112.4	3102.7	3092.9	3076.5	3060.2	3048.6	3037.1	3013.8	2990.5
3495.8	5°	3482.6	3469.5	3447.8	3426.2	3386.2	3346.3	3306.0	3265.8	3214.3	3162.8
3853.1	7.5°	3834.1	3814.9	3779.4	3744.0	3685.2	3626.3	3561.0	3495.5	3410.5	3325.7
4085.1	10°	4066.5	4047.9	4006.3	3964.4	3895.4	3826.4	3749.0	3671.6	3564.2	3456.8
4152.8	12.5°	4142.6	4132.4	4102.1	4071.7	4009.5	3947.1	3863.3	3779.4	3661.4	3543.5
4048.5	15°	4059.4	4070.2	4069.1	4068.0	4028.8	3989.7	3917.4	3845.0	3722.0	3599.0
3812.7	17.5°	3853.0	3893.2	3937.1	3981.0	3980.4	3979.6	3930.7	3881.9	3757.1	3632.4
3518.8	20°	3589.4	3659.9	3756.8	3853.7	3905.2	3956.6	3939.5	3922.5	3792.9	3663.2
3250.3	22.5°	3338.5	3426.7	3569.2	3711.7	3818.3	3925.0	3947.3	3969.6	3837.2	3704.7
3034.2	25°	3126.7	3219.5	3392.6	3565.6	3727.5	3889.4	3959.9	4030.3	3900.5	3770.8
2865.9	27.5°	2957.0	3048.3	3240.1	3431.9	3646.3	3860.7	3986.8	4112.7	3988.9	3865.1
2751.3	30°	2836.0	2920.6	3120.4	3320.3	3584.3	3848.3	4036.0	4223.8	4104.1	3984.6
2734.7	32.5°	2801.3	2867.7	3055.5	3243.3	3542.0	3840.7	4097.7	4354.9	4236.4	4118.1
2970.7	35°	2986.2	3001.7	3132.0	3262.5	3573.6	3884.9	4199.5	4514.2	4400.8	4287.4
3601.2	37.5°	3530.3	3459.4	3467.9	3476.3	3759.2	4042.0	4412.2	4782.4	4637.9	4493.3
4603.4	40°	4431.1	4258.8	4110.3	3961.8	4172.2	4382.5	4785.1	5187.7	4977.1	4766.4
5958.5	42.5°	5645.1	5331.6	5007.8	4684.0	4805.2	4926.3	5325.8	5725.2	5421.2	5117.1
7632.0	45°	7116.9	6602.0	6083.1	5564.3	5617.9	5671.3	6030.2	6389.0	5978.8	5568.7
9503.6	47.5°	8749.8	7995.8	7247.6	6499.2	6510.1	6520.9	6870.1	7219.1	6641.9	6064.4
11367.9	50°	10372.7	9377.6	8413.1	7448.6	7446.7	7444.9	7876.0	8307.2	7436.9	6566.4
13173.1	52.5°	11941.8	10710.5	9558.4	8406.3	8459.2	8512.0	9034.0	9556.2	8272.0	6987.8
14942.8	55°	13474.9	12007.0	10724.8	9442.6	9648.4	9854.2	10370.0	10885.9	9012.4	7138.9
16622.5	57.5°	14960.0	13297.4	12002.6	10707.9	11120.6	11533.4	11814.4	12095.3	9537.1	6978.9
18684.5	60°	16904.4	15124.3	13899.0	12673.8	13186.4	13699.0	13262.6	12826.3	9668.2	6510.1
20355.9	62.5°	18662.4	16968.8	15846.2	14723.8	14781.7	14839.5	13647.3	12455.1	9116.1	5777.0
20530.0	65°	18887.9	17245.6	15819.2	14392.8	14171.5	13950.1	12831.1	11712.2	8334.8	4957.4
19323.7	67.5°	17674.4	16025.1	14539.0	13052.8	12949.1	12845.2	11781.0	10716.8	7405.1	4093.4
17425.5	70°	16006.3	14587.0	13258.0	11929.0	11882.5	11836.1	10678.5	9520.9	6390.6	3260.3
15024.8	72.5°	13961.9	12898.9	11859.1	10819.2	10786.0	10752.6	9424.2	8095.9	5290.9	2486.0
12404.2	75°	11655.9	10907.6	10098.6	9289.6	9166.1	9042.7	7667.9	6293.1	4030.2	1767.3
9707.9	77.5°	9177.1	8646.4	8031.4	7416.4	7239.7	7063.1	5779.6	4496.3	2820.8	1145.3
7027.3	80°	6748.7	6470.0	6005.7	5541.2	5321.7	5102.1	4022.5	2942.8	1817.4	691.9
4549.4	82.5°	4433.2	4317.0	3997.3	3677.6	3432.2	3187.0	2448.8	1710.6	1051.9	393.2
2610.7	85°	2544.7	2478.7	2216.1	1953.4	1744.8	1536.2	1144.4	752.6	473.1	193.8
1003.0	87.5°	997.4	991.8	860.5	729.1	612.7	496.3	364.7	233.0	155.0	76.9
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):

105°		110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
2824.2	0°	2824.2	2824.2	2824.2	2824.2	2824.2	2824.2	2824.2	2824.2	2824.2	2824.2
2965.7	2.5°	2941.0	2916.1	2891.1	2867.3	2843.4	2820.4	2794.7	2773.9	2753.2	2734.4
3111.4	5°	3060.2	3008.5	2956.9	2908.7	2860.5	2814.9	2770.0	2730.7	2691.4	2658.5
3247.2	7.5°	3168.8	3092.4	3016.0	2948.7	2881.4	2819.3	2761.1	2708.8	2656.7	2613.4
3353.1	10°	3249.5	3156.7	3063.9	2984.3	2904.6	2827.9	2765.4	2710.4	2655.3	2612.0
3426.0	12.5°	3308.6	3199.1	3089.7	2999.6	2909.5	2829.0	2770.8	2725.8	2680.9	2652.1
3471.6	15°	3344.1	3218.1	3092.0	2987.8	2883.5	2794.3	2747.8	2726.2	2704.7	2708.6
3493.3	17.5°	3354.3	3208.0	3061.7	2936.3	2810.9	2706.0	2677.3	2685.2	2693.0	2740.3
3510.4	20°	3357.6	3180.3	3003.0	2847.6	2692.2	2570.0	2562.4	2599.3	2636.1	2718.2
3533.3	22.5°	3361.9	3146.2	2930.6	2743.4	2556.3	2417.2	2432.1	2486.6	2541.1	2634.7
3574.9	25°	3379.0	3112.6	2846.4	2627.1	2408.0	2265.5	2305.6	2368.5	2431.3	2515.5
3640.0	27.5°	3414.8	3090.2	2765.6	2520.8	2276.0	2146.3	2195.1	2255.7	2316.4	2385.7
3724.2	30°	3463.8	3079.7	2695.4	2432.0	2168.5	2059.6	2097.8	2146.0	2194.3	2251.7
3812.1	32.5°	3506.0	3066.7	2627.1	2355.3	2083.4	1995.7	2012.7	2041.2	2069.7	2115.5
3912.2	35°	3537.0	3042.2	2547.6	2280.0	2012.5	1939.3	1932.3	1940.1	1948.0	1983.0
4024.4	37.5°	3555.4	3000.3	2445.1	2191.4	1937.7	1873.7	1847.9	1839.3	1830.6	1855.7
4166.8	40°	3567.0	2942.5	2318.1	2085.6	1853.1	1795.2	1755.6	1736.0	1716.4	1734.5
4353.1	42.5°	3589.0	2882.9	2177.0	1968.9	1760.8	1707.4	1657.5	1631.5	1605.5	1620.3
4598.2	45°	3627.7	2827.5	2027.4	1844.9	1662.4	1608.2	1560.0	1534.6	1509.4	1521.7
4859.4	47.5°	3654.3	2781.8	1909.3	1746.8	1584.4	1514.5	1473.0	1451.7	1430.5	1442.2
5101.7	50°	3636.9	2731.9	1826.9	1681.7	1536.5	1444.6	1396.4	1377.5	1358.8	1377.0
5259.0	52.5°	3530.2	2647.7	1765.4	1638.8	1512.3	1406.7	1339.3	1320.6	1302.1	1329.5
5224.4	55°	3309.7	2508.1	1706.6	1607.7	1508.7	1410.5	1308.9	1279.4	1250.1	1289.0
4980.3	57.5°	2981.8	2311.3	1640.7	1570.8	1500.9	1414.2	1290.7	1247.8	1204.9	1246.7
4526.1	60°	2542.2	2055.8	1569.4	1514.5	1459.5	1402.3	1273.6	1218.0	1162.3	1199.0
3912.0	62.5°	2046.9	1750.0	1453.0	1416.5	1380.1	1373.1	1253.6	1184.1	1114.6	1137.9
3285.4	65°	1613.4	1474.8	1336.2	1319.0	1301.8	1302.6	1211.6	1137.7	1063.7	1072.7
2671.6	67.5°	1249.7	1210.4	1171.0	1180.6	1190.1	1187.7	1136.6	1075.0	1013.5	1010.7
2103.5	70°	946.6	957.9	969.1	1013.7	1058.2	1058.2	1041.4	997.7	953.9	944.1
1608.1	72.5°	730.2	764.1	798.2	861.4	924.6	935.2	935.5	905.4	875.4	861.1
1167.2	75°	567.0	597.8	628.6	699.4	770.3	819.3	815.2	792.1	768.9	755.2
790.9	77.5°	436.5	457.4	478.5	547.3	616.1	696.8	694.7	676.1	657.6	643.7
509.6	80°	327.3	336.0	344.6	402.9	461.1	557.6	557.2	541.7	526.1	514.5
313.4	82.5°	233.9	235.4	237.1	280.0	322.9	405.3	409.9	402.3	394.7	386.5
167.5	85°	141.4	140.7	139.8	171.2	202.7	263.9	269.8	261.7	253.6	244.4
69.5	87.5°	62.0	61.2	60.5	73.3	86.2	111.6	119.2	116.0	112.7	111.0
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°
2824.2	0°	2824.2	2824.2	2824.2	2824.2	2824.2	2824.2	2824.2	2824.2	2824.2	2824.2
2715.8	2.5°	2699.4	2683.1	2666.6	2650.2	2637.5	2624.7	2614.5	2604.2	2596.1	2588.1
2625.6	5°	2596.6	2567.5	2541.2	2514.8	2494.5	2474.1	2459.9	2445.7	2435.6	2425.6
2570.0	7.5°	2533.5	2496.9	2464.6	2432.4	2408.2	2384.2	2367.3	2350.4	2338.8	2327.3
2568.6	10°	2529.3	2489.8	2453.5	2417.2	2388.4	2359.5	2340.6	2321.5	2310.6	2299.6
2623.4	12.5°	2592.5	2561.7	2524.1	2486.6	2449.7	2412.9	2388.5	2364.1	2351.9	2339.7
2712.5	15°	2704.5	2696.5	2663.9	2631.3	2578.8	2526.3	2489.3	2452.2	2435.2	2418.3
2787.5	17.5°	2812.7	2837.7	2811.4	2785.1	2715.7	2646.2	2591.6	2537.0	2511.8	2486.6
2800.3	20°	2852.9	2905.4	2893.3	2881.0	2801.6	2722.3	2655.3	2588.4	2556.3	2524.0
2728.6	22.5°	2797.0	2865.3	2872.7	2880.0	2804.1	2728.2	2659.3	2590.3	2556.4	2522.3
2599.8	25°	2667.1	2734.4	2759.6	2784.6	2722.4	2660.3	2599.0	2537.8	2508.4	2479.0
2454.8	27.5°	2508.8	2562.8	2590.7	2618.8	2574.5	2530.2	2482.7	2435.1	2415.4	2395.5
2309.2	30°	2353.9	2398.8	2421.6	2444.3	2410.6	2376.8	2342.8	2308.5	2298.4	2288.3
2161.5	32.5°	2204.4	2247.4	2272.7	2298.0	2267.0	2235.9	2208.7	2181.5	2174.9	2168.3
2017.9	35°	2060.4	2102.9	2133.3	2163.6	2141.5	2119.5	2094.4	2069.3	2059.3	2049.3
1880.8	37.5°	1923.2	1965.6	2003.1	2040.6	2030.4	2020.3	1997.2	1974.0	1955.7	1937.5
1752.6	40°	1793.5	1834.5	1877.6	1920.9	1923.4	1925.8	1906.1	1886.5	1859.9	1833.4
1635.1	42.5°	1673.9	1712.8	1759.4	1806.0	1818.5	1830.9	1814.3	1797.9	1764.8	1731.8
1534.3	45°	1571.2	1608.0	1656.3	1704.7	1722.6	1740.4	1725.5	1710.6	1672.8	1635.1
1453.8	47.5°	1489.9	1525.9	1573.5	1621.2	1641.8	1662.4	1652.0	1641.6	1608.0	1574.4
1395.3	50°	1429.3	1463.2	1505.9	1548.6	1575.1	1601.5	1600.9	1600.4	1573.5	1546.7
1356.8	52.5°	1388.0	1419.1	1458.9	1498.8	1530.1	1561.4	1567.0	1572.7	1550.8	1528.9
1327.8	55°	1361.4	1395.0	1429.8	1464.6	1497.8	1531.1	1538.9	1546.7	1527.6	1508.5
1288.5	57.5°	1328.0	1367.4	1401.9	1436.5	1469.9	1503.3	1511.2	1519.1	1499.9	1480.6
1235.6	60°	1280.9	1326.2	1361.2	1396.4	1430.0	1463.6	1472.2	1480.9	1462.0	1443.3
1161.2	62.5°	1214.0	1266.9	1304.2	1341.6	1372.4	1403.2	1411.5	1419.9	1402.9	1385.9
1081.5	65°	1138.1	1194.8	1230.6	1266.3	1293.4	1320.5	1329.1	1337.5	1321.2	1304.8
1007.9	67.5°	1060.1	1112.4	1146.3	1180.2	1203.6	1227.0	1235.3	1243.6	1228.5	1213.5
934.4	70°	980.3	1026.3	1055.5	1084.8	1105.9	1127.1	1135.1	1143.1	1130.9	1118.6
846.9	72.5°	883.1	919.2	945.6	972.1	992.8	1013.5	1023.0	1032.6	1022.4	1012.2
741.5	75°	768.4	795.2	819.2	843.1	862.0	880.8	890.8	900.8	895.8	890.8
629.9	77.5°	651.7	673.5	694.1	714.7	734.5	754.3	763.6	772.9	766.0	758.8
502.8	80°	521.0	539.1	556.5	573.8	588.9	603.8	616.2	628.6	625.5	622.6
378.2	82.5°	376.7	375.2	369.1	363.0	395.1	427.2	448.2	469.2	467.9	466.5
235.2	85°	227.4	219.5	202.7	185.9	215.9	246.0	272.0	298.0	295.9	293.7
109.2	87.5°	108.9	108.6	95.8	82.9	95.5	108.2	118.7	129.2	126.6	123.8
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):

215°		220°	225°	230°	235°	240°	245°	250°	255°	260°	265°
2824.2	0°	2824.2	2824.2	2824.2	2824.2	2824.2	2824.2	2824.2	2824.2	2824.2	2824.2
2580.8	2.5°	2573.3	2564.1	2573.3	2580.8	2588.1	2596.1	2604.2	2614.5	2624.7	2637.5
2417.9	5°	2410.2	2402.6	2410.2	2417.9	2425.6	2435.6	2445.7	2459.9	2474.1	2494.5
2320.3	7.5°	2313.5	2308.3	2313.5	2320.3	2327.3	2338.8	2350.4	2367.3	2384.2	2408.2
2293.8	10°	2287.9	2285.5	2287.9	2293.8	2299.6	2310.6	2321.5	2340.6	2359.5	2388.4
2334.7	12.5°	2329.8	2328.9	2329.8	2334.7	2339.7	2351.9	2364.1	2388.5	2412.9	2449.7
2411.8	15°	2405.3	2404.8	2405.3	2411.8	2418.3	2435.2	2452.2	2489.3	2526.3	2578.8
2478.3	17.5°	2470.0	2468.7	2470.0	2478.3	2486.6	2511.8	2537.0	2591.6	2646.2	2715.7
2513.7	20°	2503.4	2500.1	2503.4	2513.7	2524.0	2556.3	2588.4	2655.3	2722.3	2801.6
2511.0	22.5°	2499.6	2494.7	2499.6	2511.0	2522.3	2556.4	2590.3	2659.3	2728.2	2804.1
2468.3	25°	2457.6	2451.4	2457.6	2468.3	2479.0	2508.4	2537.8	2599.0	2660.3	2722.4
2390.7	27.5°	2385.8	2384.2	2385.8	2390.7	2395.5	2415.4	2435.1	2482.7	2530.2	2574.5
2288.3	30°	2288.3	2289.9	2288.3	2288.3	2288.3	2298.4	2308.5	2342.8	2376.8	2410.6
2169.2	32.5°	2170.1	2171.8	2170.1	2169.2	2168.3	2174.9	2181.5	2208.7	2235.9	2267.0
2047.1	35°	2045.0	2043.9	2045.0	2047.1	2049.3	2059.3	2069.3	2094.4	2119.5	2141.5
1927.8	37.5°	1918.2	1912.8	1918.2	1927.8	1937.5	1955.7	1974.0	1997.2	2020.3	2030.4
1815.4	40°	1797.7	1787.0	1797.7	1815.4	1833.4	1859.9	1886.5	1906.1	1925.8	1923.4
1705.7	42.5°	1679.5	1662.4	1679.5	1705.7	1731.8	1764.8	1797.9	1814.3	1830.9	1818.5
1604.4	45°	1573.8	1554.0	1573.8	1604.4	1635.1	1672.8	1710.6	1725.5	1740.4	1722.6
1546.0	47.5°	1517.7	1498.8	1517.7	1546.0	1574.4	1608.0	1641.6	1652.0	1662.4	1641.8
1520.4	50°	1494.2	1476.0	1494.2	1520.4	1546.7	1573.5	1600.4	1600.9	1601.5	1575.1
1505.4	52.5°	1482.0	1465.2	1482.0	1505.4	1528.9	1550.8	1572.7	1567.0	1561.4	1530.1
1487.9	55°	1467.3	1452.2	1467.3	1487.9	1508.5	1527.6	1546.7	1538.9	1531.1	1497.8
1460.2	57.5°	1439.7	1424.0	1439.7	1460.2	1480.6	1499.9	1519.1	1511.2	1503.3	1469.9
1422.3	60°	1401.2	1385.0	1401.2	1422.3	1443.3	1462.0	1480.9	1472.2	1463.6	1430.0
1363.7	62.5°	1341.6	1322.1	1341.6	1363.7	1385.9	1402.9	1419.9	1411.5	1403.2	1372.4
1283.3	65°	1262.0	1245.2	1262.0	1283.3	1304.8	1321.2	1337.5	1329.1	1320.5	1293.4
1193.6	67.5°	1173.7	1158.5	1173.7	1193.6	1213.5	1228.5	1243.6	1235.3	1227.0	1203.6
1099.5	70°	1080.5	1063.1	1080.5	1099.5	1118.6	1130.9	1143.1	1135.1	1127.1	1105.9
994.0	72.5°	975.9	959.1	975.9	994.0	1012.2	1022.4	1032.6	1023.0	1013.5	992.8
875.5	75°	860.3	844.2	860.3	875.5	890.8	895.8	900.8	890.8	880.8	862.0
743.4	77.5°	728.0	715.2	728.0	743.4	758.8	766.0	772.9	763.6	754.3	734.5
601.9	80°	581.1	557.0	581.1	601.9	622.6	625.5	628.6	616.2	603.8	588.9
449.1	82.5°	431.5	416.1	431.5	449.1	466.5	467.9	469.2	448.2	427.2	395.1
280.0	85°	266.4	252.5	266.4	280.0	293.7	295.9	298.0	272.0	246.0	215.9
116.8	87.5°	109.7	103.0	109.7	116.8	123.8	126.6	129.2	118.7	108.2	95.5
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°
2824.2	0°	2824.2	2824.2	2824.2	2824.2	2824.2	2824.2	2824.2	2824.2	2824.2	2824.2
2650.2	2.5°	2666.6	2683.1	2699.4	2715.8	2734.4	2753.2	2773.9	2794.7	2820.4	2843.4
2514.8	5°	2541.2	2567.5	2596.6	2625.6	2658.5	2691.4	2730.7	2770.0	2814.9	2860.5
2432.4	7.5°	2464.6	2496.9	2533.5	2570.0	2613.4	2656.7	2708.8	2761.1	2819.3	2881.4
2417.2	10°	2453.5	2489.8	2529.3	2568.6	2612.0	2655.3	2710.4	2765.4	2827.9	2904.6
2486.6	12.5°	2524.1	2561.7	2592.5	2623.4	2652.1	2680.9	2725.8	2770.8	2829.0	2909.5
2631.3	15°	2663.9	2696.5	2704.5	2712.5	2708.6	2704.7	2726.2	2747.8	2794.3	2883.5
2785.1	17.5°	2811.4	2837.7	2812.7	2787.5	2740.3	2693.0	2685.2	2677.3	2706.0	2810.9
2881.0	20°	2893.3	2905.4	2852.9	2800.3	2718.2	2636.1	2599.3	2562.4	2570.0	2692.2
2880.0	22.5°	2872.7	2865.3	2797.0	2728.6	2634.7	2541.1	2486.6	2432.1	2417.2	2556.3
2784.6	25°	2759.6	2734.4	2667.1	2599.8	2515.5	2431.3	2368.5	2305.6	2265.5	2408.0
2618.8	27.5°	2590.7	2562.8	2508.8	2454.8	2385.7	2316.4	2255.7	2195.1	2146.3	2276.0
2444.3	30°	2421.6	2398.8	2353.9	2309.2	2251.7	2194.3	2146.0	2097.8	2059.6	2168.5
2298.0	32.5°	2272.7	2247.4	2204.4	2161.5	2115.5	2069.7	2041.2	2012.7	1995.7	2083.4
2163.6	35°	2133.3	2102.9	2060.4	2017.9	1983.0	1948.0	1940.1	1932.3	1939.3	2012.5
2040.6	37.5°	2003.1	1965.6	1923.2	1880.8	1855.7	1830.6	1839.3	1847.9	1873.7	1937.7
1920.9	40°	1877.6	1834.5	1793.5	1752.6	1734.5	1716.4	1736.0	1755.6	1795.2	1853.1
1806.0	42.5°	1759.4	1712.8	1673.9	1635.1	1620.3	1605.5	1631.5	1657.5	1707.4	1760.8
1704.7	45°	1656.3	1608.0	1571.2	1534.3	1521.7	1509.4	1534.6	1560.0	1608.2	1662.4
1621.2	47.5°	1573.5	1525.9	1489.9	1453.8	1442.2	1430.5	1451.7	1473.0	1514.5	1584.4
1548.6	50°	1505.9	1463.2	1429.3	1395.3	1377.0	1358.8	1377.5	1396.4	1444.6	1536.5
1498.8	52.5°	1458.9	1419.1	1388.0	1356.8	1329.5	1302.1	1320.6	1339.3	1406.7	1512.3
1464.6	55°	1429.8	1395.0	1361.4	1327.8	1289.0	1250.1	1279.4	1308.9	1410.5	1508.7
1436.5	57.5°	1401.9	1367.4	1328.0	1288.5	1246.7	1204.9	1247.8	1290.7	1414.2	1500.9
1396.4	60°	1361.2	1326.2	1280.9	1235.6	1199.0	1162.3	1218.0	1273.6	1402.3	1459.5
1341.6	62.5°	1304.2	1266.9	1214.0	1161.2	1137.9	1114.6	1184.1	1253.6	1373.1	1380.1
1266.3	65°	1230.6	1194.8	1138.1	1081.5	1072.7	1063.7	1137.7	1211.6	1302.6	1301.8
1180.2	67.5°	1146.3	1112.4	1060.1	1007.9	1010.7	1013.5	1075.0	1136.6	1187.7	1190.1
1084.8	70°	1055.5	1026.3	980.3	934.4	944.1	953.9	997.7	1041.4	1058.2	1058.2
972.1	72.5°	945.6	919.2	883.1	846.9	861.1	875.4	905.4	935.5	935.2	924.6
843.1	75°	819.2	795.2	768.4	741.5	755.2	768.9	792.1	815.2	819.3	770.3
714.7	77.5°	694.1	673.5	651.7	629.9	643.7	657.6	676.1	694.7	696.8	616.1
573.8	80°	556.5	539.1	521.0	502.8	514.5	526.1	541.7	557.2	557.6	461.1
363.0	82.5°	369.1	375.2	376.7	378.2	386.5	394.7	402.3	409.9	405.3	322.9
185.9	85°	202.7	219.5	227.4	235.2	244.4	253.6	261.7	269.8	263.9	202.7
82.9	87.5°	95.8	108.6	108.9	109.2	111.0	112.7	116.0	119.2	111.6	86.2
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):

325°		330°	335°	340°	345°	350°	355°	360°
2824.2	0°	2824.2	2824.2	2824.2	2824.2	2824.2	2824.2	2824.2
2867.3	2.5°	2891.1	2916.1	2941.0	2965.7	2990.5	3013.8	3037.1
2908.7	5°	2956.9	3008.5	3060.2	3111.4	3162.8	3214.3	3265.8
2948.7	7.5°	3016.0	3092.4	3168.8	3247.2	3325.7	3410.5	3495.5
2984.3	10°	3063.9	3156.7	3249.5	3353.1	3456.8	3564.2	3671.6
2999.6	12.5°	3089.7	3199.1	3308.6	3426.0	3543.5	3661.4	3779.4
2987.8	15°	3092.0	3218.1	3344.1	3471.6	3599.0	3722.0	3845.0
2936.3	17.5°	3061.7	3208.0	3354.3	3493.3	3632.4	3757.1	3881.9
2847.6	20°	3003.0	3180.3	3357.6	3510.4	3663.2	3792.9	3922.5
2743.4	22.5°	2930.6	3146.2	3361.9	3533.3	3704.7	3837.2	3969.6
2627.1	25°	2846.4	3112.6	3379.0	3574.9	3770.8	3900.5	4030.3
2520.8	27.5°	2765.6	3090.2	3414.8	3640.0	3865.1	3988.9	4112.7
2432.0	30°	2695.4	3079.7	3463.8	3724.2	3984.6	4104.1	4223.8
2355.3	32.5°	2627.1	3066.7	3506.0	3812.1	4118.1	4236.4	4354.9
2280.0	35°	2547.6	3042.2	3537.0	3912.2	4287.4	4400.8	4514.2
2191.4	37.5°	2445.1	3000.3	3555.4	4024.4	4493.3	4637.9	4782.4
2085.6	40°	2318.1	2942.5	3567.0	4166.8	4766.4	4977.1	5187.7
1968.9	42.5°	2177.0	2882.9	3589.0	4353.1	5117.1	5421.2	5725.2
1844.9	45°	2027.4	2827.5	3627.7	4598.2	5568.7	5978.8	6389.0
1746.8	47.5°	1909.3	2781.8	3654.3	4859.4	6064.4	6641.9	7219.1
1681.7	50°	1826.9	2731.9	3636.9	5101.7	6566.4	7436.9	8307.2
1638.8	52.5°	1765.4	2647.7	3530.2	5259.0	6987.8	8272.0	9556.2
1607.7	55°	1706.6	2508.1	3309.7	5224.4	7138.9	9012.4	10885.9
1570.8	57.5°	1640.7	2311.3	2981.8	4980.3	6978.9	9537.1	12095.3
1514.5	60°	1569.4	2055.8	2542.2	4526.1	6510.1	9668.2	12826.3
1416.5	62.5°	1453.0	1750.0	2046.9	3912.0	5777.0	9116.1	12455.1
1319.0	65°	1336.2	1474.8	1613.4	3285.4	4957.4	8334.8	11712.2
1180.6	67.5°	1171.0	1210.4	1249.7	2671.6	4093.4	7405.1	10716.8
1013.7	70°	969.1	957.9	946.6	2103.5	3260.3	6390.6	9520.9
861.4	72.5°	798.2	764.1	730.2	1608.1	2486.0	5290.9	8095.9
699.4	75°	628.6	597.8	567.0	1167.2	1767.3	4030.2	6293.1
547.3	77.5°	478.5	457.4	436.5	790.9	1145.3	2820.8	4496.3
402.9	80°	344.6	336.0	327.3	509.6	691.9	1817.4	2942.8
280.0	82.5°	237.1	235.4	233.9	313.4	393.2	1051.9	1710.6
171.2	85°	139.8	140.7	141.4	167.5	193.8	473.1	752.6
73.3	87.5°	60.5	61.2	62.0	69.5	76.9	155.0	233.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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