

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: P948452

Luminaire Tested: **GLAN-SB3C-730-U-SLL**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P948452
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-SB3C-730-U-SLL
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(3) 70 CRI, 3000K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR LEFT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 22390 lumens
Efficiency: N/A
Efficacy: 150.2 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B3 - U0 - G5

Input Watts (W): 149.1
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



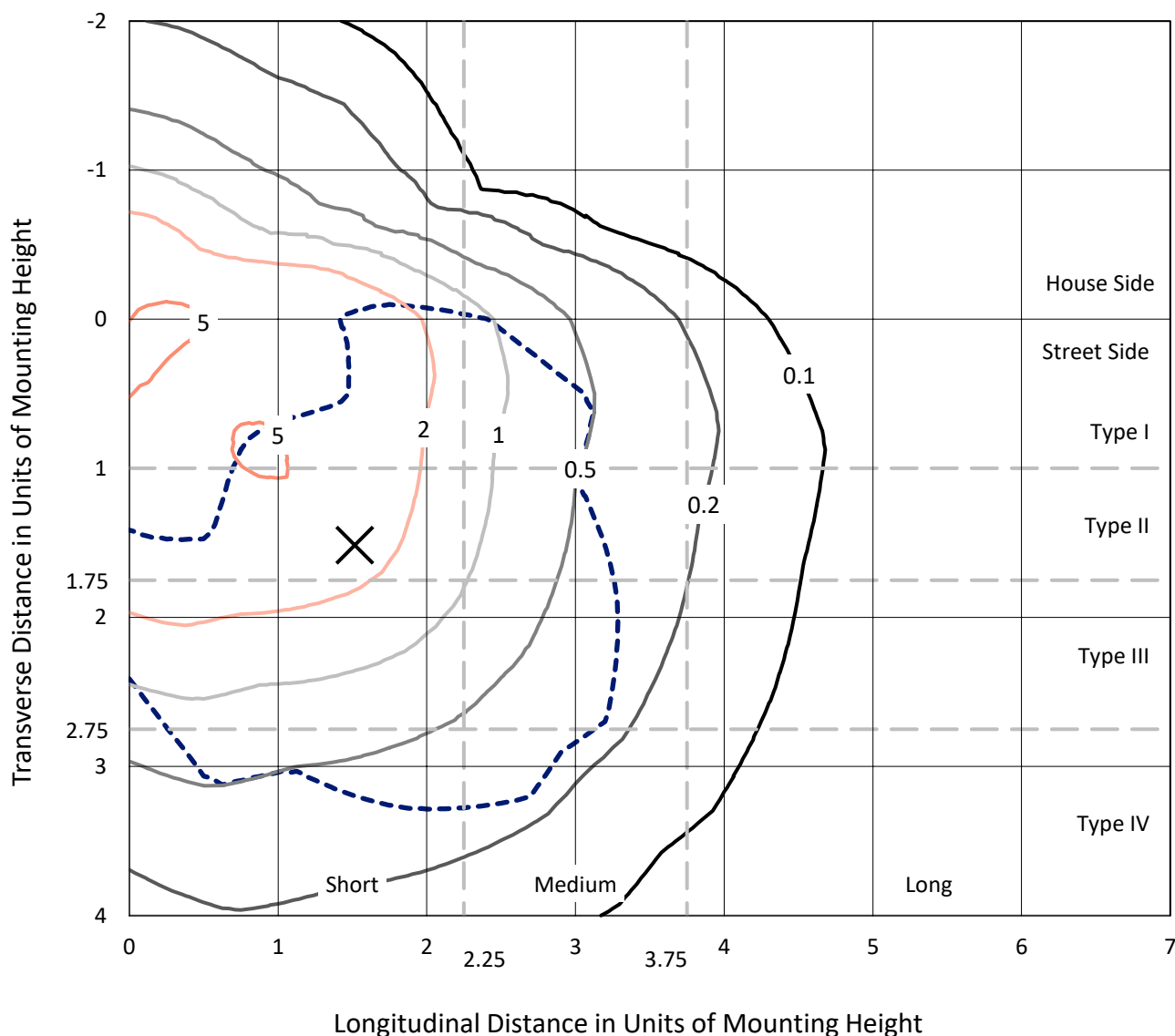
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

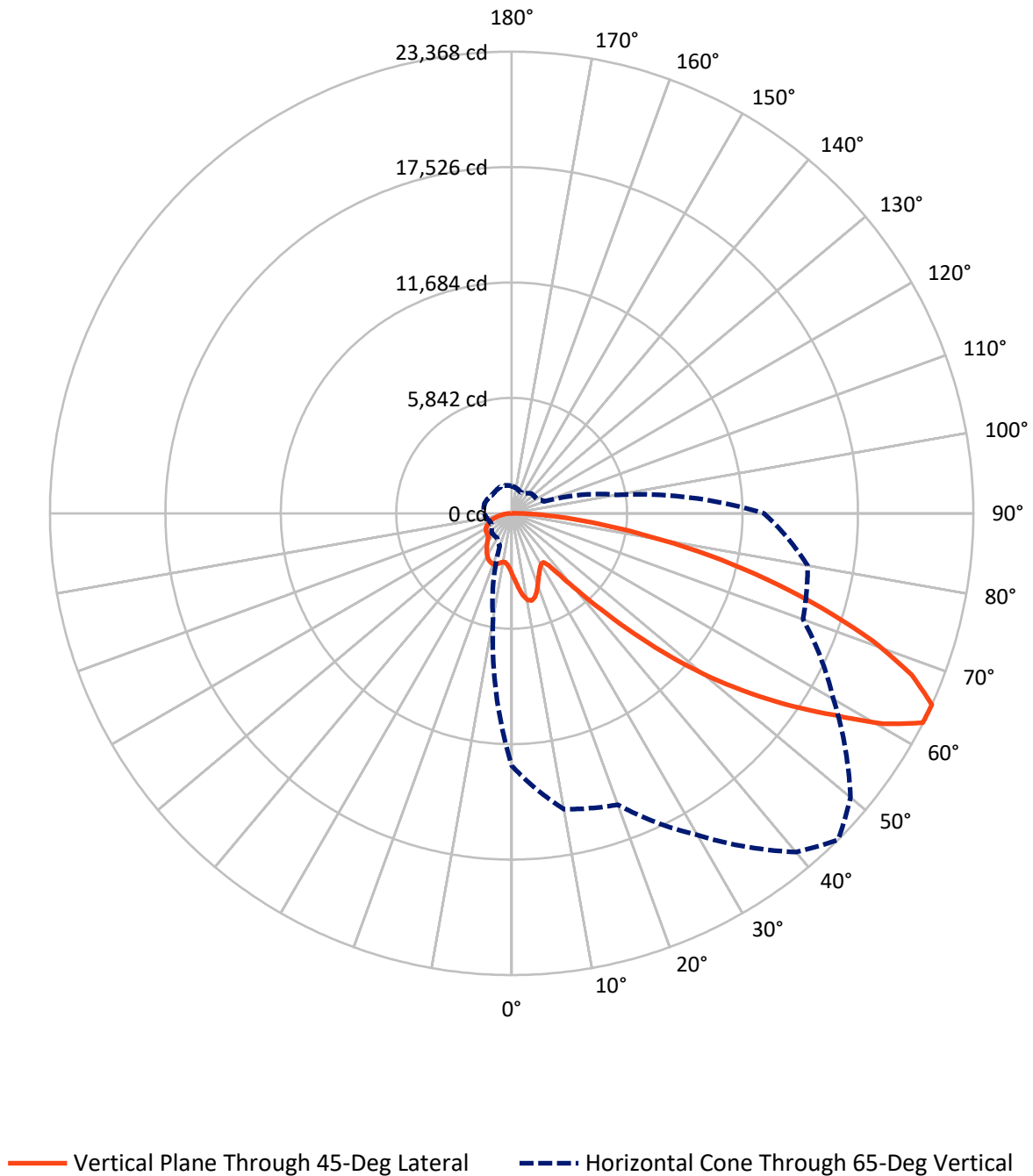


Based on 25 foot mounting height. Maximum calculated value = 6.8 fc

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	5690.4	0.0	5690.4
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	16699.6	0.0	16699.6
	% Fixture	74.6	0.0	74.6
Total	Lumens	22390.0	0.0	22390.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	305.4	1.4
10°-20°	958.8	4.3
20°-30°	1481.0	6.6
30°-40°	1876.7	8.4
40°-50°	2830.6	12.6
50°-60°	4573.3	20.4
60°-70°	5701.3	25.5
70°-80°	3738.6	16.7
80°-90°	924.3	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°	22390.0	100.0
0°-180°	22390.0	100.0

Coefficient of Utilization



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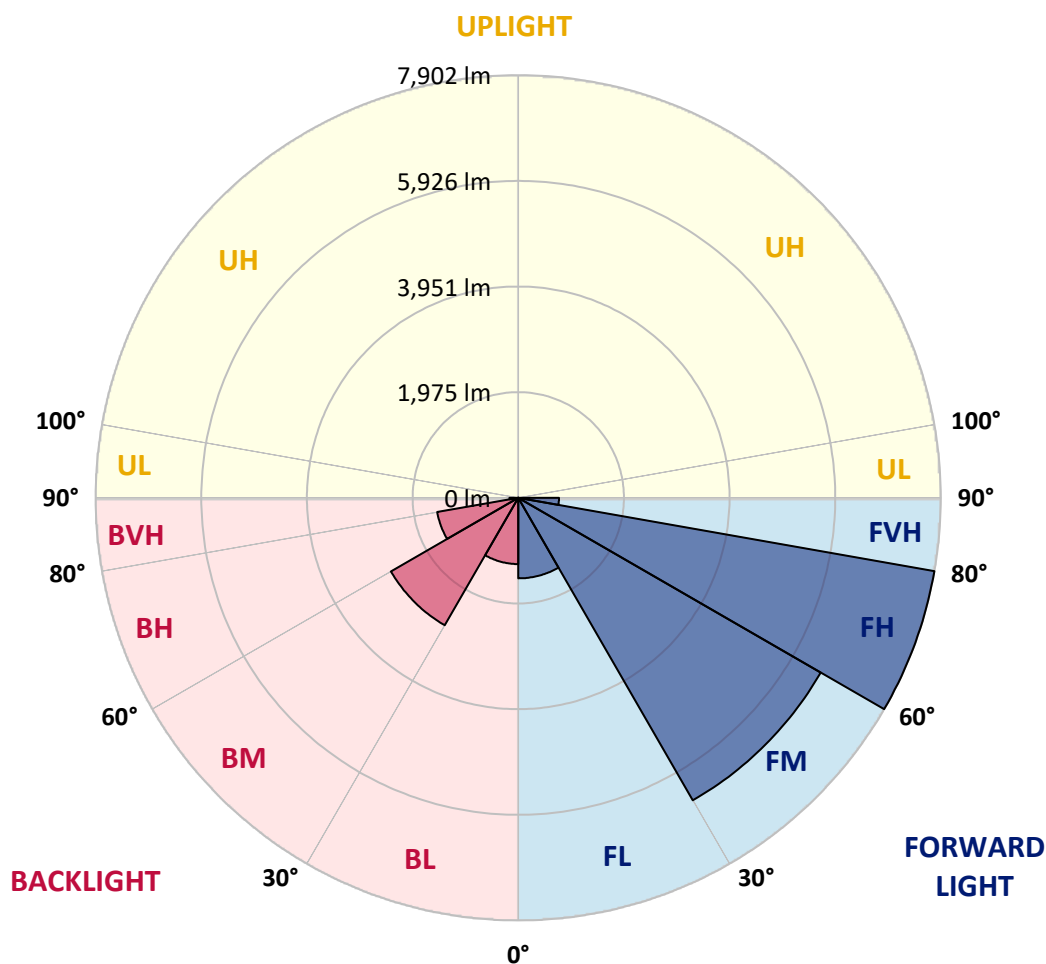
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1506.0	6.7			
FM	(30°-60°)	6530.7	29.2			
FH	(60°-80°)	7901.5	35.3			G4/12000
FVH	(80°-90°)	761.4	3.4			G5
BL	(0°-30°)	1239.2	5.5	B3/2500		
BM	(30°-60°)	2750.0	12.3	B3/5000		
BH	(60°-80°)	1538.4	6.9	B3/2500		G3/2500
BVH	(80°-90°)	162.9	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°	3078.8	3078.8	3078.8	3078.8	3078.8	3078.8	3078.8	3078.8	3078.8	3078.8
2.5°	3311.0	3323.5	3336.1	3354.0	3371.8	3382.4	3393.1	3398.4	3403.7	3401.3
5°	3560.3	3604.1	3648.0	3691.5	3735.1	3758.7	3782.4	3796.7	3811.1	3821.9
7.5°	3810.7	3882.1	3953.3	4017.5	4081.6	4120.3	4158.9	4179.8	4200.6	4210.6
10°	4002.7	4087.1	4171.4	4246.7	4321.9	4367.5	4412.9	4433.2	4453.4	4461.1
12.5°	4120.3	4211.7	4303.0	4371.1	4438.9	4472.0	4505.0	4516.2	4527.3	4528.4
15°	4191.7	4270.6	4349.5	4392.1	4434.9	4436.0	4437.2	4425.4	4413.6	4399.7
17.5°	4231.9	4285.2	4338.5	4339.3	4340.0	4292.2	4244.3	4200.5	4156.5	4125.6
20°	4276.2	4294.8	4313.4	4257.3	4201.2	4095.6	3989.9	3913.0	3836.1	3788.9
22.5°	4327.6	4303.3	4278.9	4162.7	4046.4	3891.1	3735.7	3639.5	3543.4	3491.1
25°	4393.8	4317.0	4240.2	4063.7	3887.2	3698.5	3509.8	3408.7	3307.8	3258.4
27.5°	4483.5	4346.3	4208.9	3975.1	3741.4	3532.3	3323.1	3223.7	3124.3	3077.6
30°	4604.6	4399.9	4195.3	3907.5	3619.7	3401.8	3184.0	3091.7	2999.4	2955.9
32.5°	4747.6	4467.2	4187.0	3861.4	3535.8	3331.1	3126.3	3053.9	2981.3	2950.0
35°	4921.3	4578.2	4235.2	3895.9	3556.7	3414.5	3272.3	3255.4	3238.5	3235.9
37.5°	5213.7	4810.1	4406.5	4098.2	3789.8	3780.6	3771.4	3848.6	3925.9	3966.1
40°	5655.5	5216.6	4777.7	4548.4	4319.1	4480.9	4642.8	4830.6	5018.5	5112.1
42.5°	6241.5	5806.0	5370.6	5238.5	5106.4	5459.4	5812.4	6154.1	6495.8	6696.4
45°	6965.1	6574.0	6182.7	6124.4	6066.1	6631.6	7197.3	7758.7	8320.3	8661.1
47.5°	7870.1	7489.6	7108.9	7097.1	7085.3	7901.2	8716.9	9538.8	10360.6	10843.2
50°	9056.3	8586.2	8116.2	8118.2	8120.2	9171.7	10223.2	11308.1	12393.0	13048.9
52.5°	10417.9	9848.7	9279.6	9222.0	9164.4	10420.4	11676.4	13018.7	14360.9	15147.2
55°	11867.5	11305.1	10742.8	10518.4	10294.1	11691.9	13089.7	14690.0	16290.2	17225.3
57.5°	13186.0	12879.8	12573.4	12123.4	11673.5	13085.0	14496.4	16309.0	18121.4	19281.0
60°	13982.9	14458.5	14934.3	14375.5	13816.6	15152.4	16488.1	18428.7	20369.3	21622.6
62.5°	13578.2	14877.9	16177.6	16114.6	16051.6	17275.2	18498.9	20345.2	22191.5	23349.9
65°	12768.4	13988.2	15208.0	15449.4	15690.6	17245.6	18800.8	20591.1	22381.3	23367.6
67.5°	11683.2	12843.4	14003.5	14116.7	14229.8	15850.0	17470.1	19268.1	21066.2	21838.8
70°	10379.5	11641.4	12903.4	12954.0	13004.6	14453.5	15902.3	17449.7	18996.9	19426.3
72.5°	8825.9	10274.0	11722.2	11758.6	11794.8	12928.4	14062.0	15220.9	16379.6	16423.1
75°	6860.6	8359.4	9858.1	9992.7	10127.3	11009.2	11891.1	12706.9	13522.7	13304.1
77.5°	4901.8	6300.8	7700.0	7892.6	8085.1	8755.6	9426.1	10004.6	10583.3	10207.6
80°	3208.2	4385.2	5562.2	5801.6	6040.9	6547.3	7053.4	7357.3	7661.0	7056.7
82.5°	1864.9	2669.6	3474.4	3741.7	4009.2	4357.7	4706.2	4833.0	4959.7	4484.7
85°	820.5	1247.6	1674.7	1902.1	2129.5	2415.9	2702.2	2774.1	2846.1	2465.7
87.5°	254.0	397.6	541.1	668.0	794.9	938.1	1081.2	1087.4	1093.4	918.0
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°
3078.8	0°	3078.8	3078.8	3078.8	3078.8	3078.8	3078.8	3078.8	3078.8	3078.8	3078.8
3403.7	2.5°	3398.4	3393.1	3382.4	3371.8	3354.0	3336.1	3323.5	3311.0	3285.6	3260.2
3811.1	5°	3796.7	3782.4	3758.7	3735.1	3691.5	3648.0	3604.1	3560.3	3504.1	3448.0
4200.6	7.5°	4179.8	4158.9	4120.3	4081.6	4017.5	3953.3	3882.1	3810.7	3718.1	3625.6
4453.4	10°	4433.2	4412.9	4367.5	4321.9	4246.7	4171.4	4087.1	4002.7	3885.6	3768.5
4527.3	12.5°	4516.2	4505.0	4472.0	4438.9	4371.1	4303.0	4211.7	4120.3	3991.6	3863.1
4413.6	15°	4425.4	4437.2	4436.0	4434.9	4392.1	4349.5	4270.6	4191.7	4057.6	3923.5
4156.5	17.5°	4200.5	4244.3	4292.2	4340.0	4339.3	4338.5	4285.2	4231.9	4095.9	3959.9
3836.1	20°	3913.0	3989.9	4095.6	4201.2	4257.3	4313.4	4294.8	4276.2	4134.9	3993.5
3543.4	22.5°	3639.5	3735.7	3891.1	4046.4	4162.7	4278.9	4303.3	4327.6	4183.2	4038.7
3307.8	25°	3408.7	3509.8	3698.5	3887.2	4063.7	4240.2	4317.0	4393.8	4252.2	4110.8
3124.3	27.5°	3223.7	3323.1	3532.3	3741.4	3975.1	4208.9	4346.3	4483.5	4348.6	4213.6
2999.4	30°	3091.7	3184.0	3401.8	3619.7	3907.5	4195.3	4399.9	4604.6	4474.2	4343.9
2981.3	32.5°	3053.9	3126.3	3331.1	3535.8	3861.4	4187.0	4467.2	4747.6	4618.5	4489.5
3238.5	35°	3255.4	3272.3	3414.5	3556.7	3895.9	4235.2	4578.2	4921.3	4797.7	4674.0
3925.9	37.5°	3848.6	3771.4	3780.6	3789.8	4098.2	4406.5	4810.1	5213.7	5056.1	4898.5
5018.5	40°	4830.6	4642.8	4480.9	4319.1	4548.4	4777.7	5216.6	5655.5	5425.9	5196.2
6495.8	42.5°	6154.1	5812.4	5459.4	5106.4	5238.5	5370.6	5806.0	6241.5	5910.0	5578.5
8320.3	45°	7758.7	7197.3	6631.6	6066.1	6124.4	6182.7	6574.0	6965.1	6518.0	6070.8
10360.6	47.5°	9538.8	8716.9	7901.2	7085.3	7097.1	7108.9	7489.6	7870.1	7240.8	6611.3
12393.0	50°	11308.1	10223.2	9171.7	8120.2	8118.2	8116.2	8586.2	9056.3	8107.5	7158.5
14360.9	52.5°	13018.7	11676.4	10420.4	9164.4	9222.0	9279.6	9848.7	10417.9	9017.9	7617.9
16290.2	55°	14690.0	13089.7	11691.9	10294.1	10518.4	10742.8	11305.1	11867.5	9825.0	7782.7
18121.4	57.5°	16309.0	14496.4	13085.0	11673.5	12123.4	12573.4	12879.8	13186.0	10397.1	7608.2
20369.3	60°	18428.7	16488.1	15152.4	13816.6	14375.5	14934.3	14458.5	13982.9	10540.0	7097.1
22191.5	62.5°	20345.2	18498.9	17275.2	16051.6	16114.6	16177.6	14877.9	13578.2	9938.1	6298.0
22381.3	65°	20591.1	18800.8	17245.6	15690.6	15449.4	15208.0	13988.2	12768.4	9086.4	5404.5
21066.2	67.5°	19268.1	17470.1	15850.0	14229.8	14116.7	14003.5	12843.4	11683.2	8072.9	4462.5
18996.9	70°	17449.7	15902.3	14453.5	13004.6	12954.0	12903.4	11641.4	10379.5	6966.9	3554.3
16379.6	72.5°	15220.9	14062.0	12928.4	11794.8	11758.6	11722.2	10274.0	8825.9	5768.0	2710.2
13522.7	75°	12706.9	11891.1	11009.2	10127.3	9992.7	9858.1	8359.4	6860.6	4393.6	1926.7
10583.3	77.5°	10004.6	9426.1	8755.6	8085.1	7892.6	7700.0	6300.8	4901.8	3075.2	1248.5
7661.0	80°	7357.3	7053.4	6547.3	6040.9	5801.6	5562.2	4385.2	3208.2	1981.3	754.3
4959.7	82.5°	4833.0	4706.2	4357.7	4009.2	3741.7	3474.4	2669.6	1864.9	1146.7	428.6
2846.1	85°	2774.1	2702.2	2415.9	2129.5	1902.1	1674.7	1247.6	820.5	515.8	211.2
1093.4	87.5°	1087.4	1081.2	938.1	794.9	668.0	541.1	397.6	254.0	168.9	83.9
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°
3078.8	0°	3078.8	3078.8	3078.8	3078.8	3078.8	3078.8	3078.8	3078.8	3078.8	3078.8
3233.1	2.5°	3206.2	3179.0	3151.8	3125.8	3099.8	3074.7	3046.7	3024.0	3001.4	2981.0
3392.0	5°	3336.1	3279.8	3223.5	3171.0	3118.4	3068.8	3019.7	2977.0	2934.1	2898.2
3540.0	7.5°	3454.5	3371.2	3287.9	3214.6	3141.2	3073.5	3010.1	2953.1	2896.3	2849.0
3655.5	10°	3542.5	3441.4	3340.2	3253.4	3166.5	3083.0	3014.8	2954.8	2894.8	2847.5
3735.0	12.5°	3606.9	3487.6	3368.3	3270.1	3171.9	3084.1	3020.7	2971.5	2922.6	2891.2
3784.6	15°	3645.7	3508.3	3370.9	3257.2	3143.6	3046.3	2995.5	2972.0	2948.6	2952.9
3808.4	17.5°	3656.8	3497.3	3337.8	3201.1	3064.4	2950.0	2918.7	2927.4	2935.9	2987.4
3826.9	20°	3660.3	3467.0	3273.8	3104.3	2934.9	2801.8	2793.5	2833.7	2873.8	2963.3
3851.9	22.5°	3665.0	3429.9	3194.8	2990.8	2786.8	2635.2	2651.4	2710.8	2770.2	2872.3
3897.3	25°	3683.7	3393.3	3103.0	2864.0	2625.1	2469.8	2513.5	2582.0	2650.5	2742.3
3968.2	27.5°	3722.7	3368.9	3015.0	2748.1	2481.2	2339.8	2393.0	2459.2	2525.3	2600.8
4060.0	30°	3776.1	3357.4	2938.5	2651.3	2364.1	2245.3	2287.0	2339.5	2392.2	2454.8
4155.8	32.5°	3822.2	3343.2	2864.0	2567.7	2271.3	2175.6	2194.2	2225.2	2256.3	2306.3
4265.0	35°	3856.0	3316.5	2777.3	2485.6	2193.9	2114.2	2106.5	2115.0	2123.6	2161.8
4387.3	37.5°	3876.0	3270.8	2665.6	2389.0	2112.4	2042.7	2014.6	2005.1	1995.7	2023.1
4542.5	40°	3888.7	3207.8	2527.1	2273.7	2020.3	1957.0	1913.9	1892.5	1871.2	1890.9
4745.6	42.5°	3912.7	3142.9	2373.3	2146.4	1919.6	1861.3	1807.0	1778.6	1750.3	1766.4
5012.8	45°	3954.9	3082.5	2210.2	2011.3	1812.3	1753.2	1700.7	1673.0	1645.5	1659.0
5297.6	47.5°	3983.8	3032.6	2081.5	1904.4	1727.3	1651.1	1605.8	1582.6	1559.5	1572.3
5561.7	50°	3964.9	2978.3	1991.7	1833.3	1675.0	1574.9	1522.3	1501.7	1481.3	1501.1
5733.3	52.5°	3848.5	2886.5	1924.6	1786.6	1648.7	1533.5	1460.0	1439.7	1419.5	1449.4
5695.5	55°	3608.1	2734.3	1860.5	1752.7	1644.8	1537.6	1426.9	1394.8	1362.8	1405.2
5429.4	57.5°	3250.7	2519.8	1788.7	1712.5	1636.3	1541.8	1407.1	1360.3	1313.5	1359.1
4934.3	60°	2771.4	2241.2	1711.0	1651.1	1591.2	1528.8	1388.4	1327.8	1267.1	1307.1
4264.7	62.5°	2231.5	1907.8	1584.1	1544.3	1504.6	1496.9	1366.7	1290.8	1215.1	1240.5
3581.6	65°	1758.9	1607.8	1456.7	1437.9	1419.1	1420.1	1320.8	1240.3	1159.6	1169.4
2912.5	67.5°	1362.4	1319.5	1276.5	1287.1	1297.5	1294.9	1239.1	1172.0	1104.9	1101.8
2293.2	70°	1032.0	1044.3	1056.4	1105.1	1153.7	1153.7	1135.4	1087.6	1039.9	1029.3
1753.1	72.5°	796.1	833.0	870.1	939.1	1008.0	1019.6	1019.8	987.1	954.4	938.8
1272.4	75°	618.1	651.7	685.2	762.5	839.8	893.2	888.7	863.5	838.2	823.3
862.2	77.5°	475.9	498.7	521.6	596.6	671.6	759.7	757.3	737.1	716.9	701.8
555.5	80°	356.8	366.2	375.7	439.3	502.7	607.8	607.5	590.6	573.6	560.9
341.7	82.5°	255.0	256.6	258.5	305.3	352.1	441.9	446.8	438.5	430.3	421.3
182.6	85°	154.2	153.4	152.4	186.7	220.9	287.7	294.2	285.3	276.5	266.4
75.7	87.5°	67.6	66.8	65.9	79.9	93.9	121.7	130.0	126.4	122.9	121.0
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°
3078.8	0°	3078.8	3078.8	3078.8	3078.8	3078.8	3078.8	3078.8	3078.8	3078.8	3078.8
2960.7	2.5°	2942.8	2925.0	2907.0	2889.2	2875.4	2861.4	2850.2	2839.0	2830.2	2821.5
2862.4	5°	2830.7	2799.1	2770.3	2741.5	2719.4	2697.2	2681.7	2666.3	2655.3	2644.3
2801.8	7.5°	2762.0	2722.0	2686.8	2651.7	2625.4	2599.2	2580.7	2562.3	2549.7	2537.1
2800.2	10°	2757.3	2714.3	2674.8	2635.2	2603.8	2572.2	2551.7	2530.9	2518.9	2507.0
2860.0	12.5°	2826.2	2792.7	2751.7	2710.8	2670.6	2630.5	2603.9	2577.3	2563.9	2550.7
2957.1	15°	2948.4	2939.6	2904.1	2868.5	2811.3	2754.2	2713.8	2673.3	2654.8	2636.4
3038.9	17.5°	3066.3	3093.6	3064.9	3036.3	2960.6	2884.8	2825.3	2765.7	2738.3	2710.8
3052.8	20°	3110.1	3167.4	3154.2	3140.8	3054.2	2967.8	2894.8	2821.9	2786.8	2751.6
2974.6	22.5°	3049.2	3123.7	3131.7	3139.7	3057.0	2974.3	2899.1	2823.9	2786.9	2749.8
2834.3	25°	2907.6	2981.0	3008.4	3035.7	2967.9	2900.2	2833.3	2766.7	2734.5	2702.5
2676.2	27.5°	2735.0	2793.9	2824.3	2854.9	2806.6	2758.4	2706.5	2654.7	2633.2	2611.6
2517.4	30°	2566.2	2615.1	2639.9	2664.7	2628.0	2591.1	2554.0	2516.7	2505.7	2494.6
2356.4	32.5°	2403.2	2450.1	2477.6	2505.2	2471.4	2437.5	2407.9	2378.2	2371.0	2363.8
2199.8	35°	2246.1	2292.6	2325.7	2358.7	2334.6	2310.6	2283.2	2255.9	2245.0	2234.1
2050.4	37.5°	2096.6	2142.9	2183.8	2224.6	2213.5	2202.4	2177.3	2152.0	2132.0	2112.2
1910.6	40°	1955.3	1999.9	2047.0	2094.1	2096.8	2099.4	2078.0	2056.6	2027.6	1998.8
1782.5	42.5°	1824.8	1867.3	1918.1	1968.9	1982.4	1996.0	1978.0	1960.0	1924.0	1887.9
1672.7	45°	1712.8	1753.0	1805.7	1858.4	1877.9	1897.4	1881.1	1864.9	1823.7	1782.5
1584.9	47.5°	1624.2	1663.5	1715.4	1767.4	1789.9	1812.3	1801.0	1789.6	1753.0	1716.4
1521.1	50°	1558.2	1595.2	1641.7	1688.3	1717.1	1745.9	1745.2	1744.7	1715.4	1686.1
1479.2	52.5°	1513.2	1547.1	1590.4	1633.9	1668.1	1702.2	1708.4	1714.5	1690.6	1666.8
1447.5	55°	1484.1	1520.7	1558.8	1596.7	1632.9	1669.1	1677.6	1686.1	1665.3	1644.6
1404.7	57.5°	1447.7	1490.7	1528.3	1566.0	1602.5	1638.9	1647.5	1656.1	1635.1	1614.1
1347.1	60°	1396.5	1445.8	1484.0	1522.3	1558.9	1595.5	1605.0	1614.4	1593.9	1573.4
1265.9	62.5°	1323.4	1381.1	1421.9	1462.6	1496.2	1529.7	1538.8	1547.9	1529.4	1510.8
1179.1	65°	1240.7	1302.5	1341.5	1380.5	1410.0	1439.6	1448.9	1458.1	1440.3	1422.4
1098.7	67.5°	1155.7	1212.7	1249.7	1286.6	1312.1	1337.6	1346.7	1355.7	1339.3	1323.0
1018.6	70°	1068.7	1118.8	1150.7	1182.6	1205.7	1228.7	1237.4	1246.2	1232.8	1219.5
923.3	72.5°	962.8	1002.1	1030.9	1059.7	1082.3	1104.9	1115.3	1125.7	1114.6	1103.5
808.3	75°	837.6	866.9	893.0	919.2	939.7	960.3	971.1	982.0	976.6	971.1
686.6	77.5°	710.5	734.3	756.7	779.2	800.8	822.3	832.4	842.6	835.0	827.2
548.2	80°	568.0	587.8	606.7	625.6	642.0	658.3	671.8	685.2	681.9	678.7
412.3	82.5°	410.7	409.0	402.4	395.8	430.8	465.7	488.6	511.6	510.1	508.6
256.4	85°	247.9	239.2	220.9	202.6	235.3	268.2	296.5	324.9	322.5	320.2
119.1	87.5°	118.7	118.4	104.4	90.4	104.1	117.9	129.4	140.8	138.0	134.9
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°
3078.8	0°	3078.8	3078.8	3078.8	3078.8	3078.8	3078.8	3078.8	3078.8	3078.8	3078.8
2813.5	2.5°	2805.3	2795.3	2805.3	2813.5	2821.5	2830.2	2839.0	2850.2	2861.4	2875.4
2635.9	5°	2627.5	2619.2	2627.5	2635.9	2644.3	2655.3	2666.3	2681.7	2697.2	2719.4
2529.6	7.5°	2522.1	2516.5	2522.1	2529.6	2537.1	2549.7	2562.3	2580.7	2599.2	2625.4
2500.6	10°	2494.2	2491.6	2494.2	2500.6	2507.0	2518.9	2530.9	2551.7	2572.2	2603.8
2545.3	12.5°	2539.8	2538.9	2539.8	2545.3	2550.7	2563.9	2577.3	2603.9	2630.5	2670.6
2629.3	15°	2622.2	2621.6	2622.2	2629.3	2636.4	2654.8	2673.3	2713.8	2754.2	2811.3
2701.8	17.5°	2692.7	2691.3	2692.7	2701.8	2710.8	2738.3	2765.7	2825.3	2884.8	2960.6
2740.3	20°	2729.1	2725.6	2729.1	2740.3	2751.6	2786.8	2821.9	2894.8	2967.8	3054.2
2737.4	22.5°	2725.0	2719.7	2725.0	2737.4	2749.8	2786.9	2823.9	2899.1	2974.3	3057.0
2690.8	25°	2679.3	2672.4	2679.3	2690.8	2702.5	2734.5	2766.7	2833.3	2900.2	2967.9
2606.2	27.5°	2600.9	2599.2	2600.9	2606.2	2611.6	2633.2	2654.7	2706.5	2758.4	2806.6
2494.6	30°	2494.6	2496.4	2494.6	2494.6	2494.6	2505.7	2516.7	2554.0	2591.1	2628.0
2364.8	32.5°	2365.8	2367.6	2365.8	2364.8	2363.8	2371.0	2378.2	2407.9	2437.5	2471.4
2231.7	35°	2229.4	2228.2	2229.4	2231.7	2234.1	2245.0	2255.9	2283.2	2310.6	2334.6
2101.7	37.5°	2091.1	2085.2	2091.1	2101.7	2112.2	2132.0	2152.0	2177.3	2202.4	2213.5
1979.1	40°	1959.8	1948.2	1959.8	1979.1	1998.8	2027.6	2056.6	2078.0	2099.4	2096.8
1859.5	42.5°	1831.0	1812.3	1831.0	1859.5	1887.9	1924.0	1960.0	1978.0	1996.0	1982.4
1749.1	45°	1715.7	1694.2	1715.7	1749.1	1782.5	1823.7	1864.9	1881.1	1897.4	1877.9
1685.4	47.5°	1654.6	1633.9	1654.6	1685.4	1716.4	1753.0	1789.6	1801.0	1812.3	1789.9
1657.6	50°	1629.0	1609.1	1629.0	1657.6	1686.1	1715.4	1744.7	1745.2	1745.9	1717.1
1641.1	52.5°	1615.6	1597.3	1615.6	1641.1	1666.8	1690.6	1714.5	1708.4	1702.2	1668.1
1622.1	55°	1599.7	1583.1	1599.7	1622.1	1644.6	1665.3	1686.1	1677.6	1669.1	1632.9
1591.9	57.5°	1569.5	1552.4	1569.5	1591.9	1614.1	1635.1	1656.1	1647.5	1638.9	1602.5
1550.5	60°	1527.6	1509.9	1527.6	1550.5	1573.4	1593.9	1614.4	1605.0	1595.5	1558.9
1486.7	62.5°	1462.6	1441.3	1462.6	1486.7	1510.8	1529.4	1547.9	1538.8	1529.7	1496.2
1399.1	65°	1375.8	1357.5	1375.8	1399.1	1422.4	1440.3	1458.1	1448.9	1439.6	1410.0
1301.2	67.5°	1279.5	1263.0	1279.5	1301.2	1323.0	1339.3	1355.7	1346.7	1337.6	1312.1
1198.7	70°	1177.9	1159.0	1177.9	1198.7	1219.5	1232.8	1246.2	1237.4	1228.7	1205.7
1083.6	72.5°	1063.9	1045.6	1063.9	1083.6	1103.5	1114.6	1125.7	1115.3	1104.9	1082.3
954.5	75°	937.8	920.3	937.8	954.5	971.1	976.6	982.0	971.1	960.3	939.7
810.5	77.5°	793.7	779.7	793.7	810.5	827.2	835.0	842.6	832.4	822.3	800.8
656.2	80°	633.5	607.3	633.5	656.2	678.7	681.9	685.2	671.8	658.3	642.0
489.6	82.5°	470.4	453.7	470.4	489.6	508.6	510.1	511.6	488.6	465.7	430.8
305.3	85°	290.4	275.3	290.4	305.3	320.2	322.5	324.9	296.5	268.2	235.3
127.4	87.5°	119.6	112.2	119.6	127.4	134.9	138.0	140.8	129.4	117.9	104.1
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°
3078.8	0°	3078.8	3078.8	3078.8	3078.8	3078.8	3078.8	3078.8	3078.8	3078.8	3078.8
2889.2	2.5°	2907.0	2925.0	2942.8	2960.7	2981.0	3001.4	3024.0	3046.7	3074.7	3099.8
2741.5	5°	2770.3	2799.1	2830.7	2862.4	2898.2	2934.1	2977.0	3019.7	3068.8	3118.4
2651.7	7.5°	2686.8	2722.0	2762.0	2801.8	2849.0	2896.3	2953.1	3010.1	3073.5	3141.2
2635.2	10°	2674.8	2714.3	2757.3	2800.2	2847.5	2894.8	2954.8	3014.8	3083.0	3166.5
2710.8	12.5°	2751.7	2792.7	2826.2	2860.0	2891.2	2922.6	2971.5	3020.7	3084.1	3171.9
2868.5	15°	2904.1	2939.6	2948.4	2957.1	2952.9	2948.6	2972.0	2995.5	3046.3	3143.6
3036.3	17.5°	3064.9	3093.6	3066.3	3038.9	2987.4	2935.9	2927.4	2918.7	2950.0	3064.4
3140.8	20°	3154.2	3167.4	3110.1	3052.8	2963.3	2873.8	2833.7	2793.5	2801.8	2934.9
3139.7	22.5°	3131.7	3123.7	3049.2	2974.6	2872.3	2770.2	2710.8	2651.4	2635.2	2786.8
3035.7	25°	3008.4	2981.0	2907.6	2834.3	2742.3	2650.5	2582.0	2513.5	2469.8	2625.1
2854.9	27.5°	2824.3	2793.9	2735.0	2676.2	2600.8	2525.3	2459.2	2393.0	2339.8	2481.2
2664.7	30°	2639.9	2615.1	2566.2	2517.4	2454.8	2392.2	2339.5	2287.0	2245.3	2364.1
2505.2	32.5°	2477.6	2450.1	2403.2	2356.4	2306.3	2256.3	2225.2	2194.2	2175.6	2271.3
2358.7	35°	2325.7	2292.6	2246.1	2199.8	2161.8	2123.6	2115.0	2106.5	2114.2	2193.9
2224.6	37.5°	2183.8	2142.9	2096.6	2050.4	2023.1	1995.7	2005.1	2014.6	2042.7	2112.4
2094.1	40°	2047.0	1999.9	1955.3	1910.6	1890.9	1871.2	1892.5	1913.9	1957.0	2020.3
1968.9	42.5°	1918.1	1867.3	1824.8	1782.5	1766.4	1750.3	1778.6	1807.0	1861.3	1919.6
1858.4	45°	1805.7	1753.0	1712.8	1672.7	1659.0	1645.5	1673.0	1700.7	1753.2	1812.3
1767.4	47.5°	1715.4	1663.5	1624.2	1584.9	1572.3	1559.5	1582.6	1605.8	1651.1	1727.3
1688.3	50°	1641.7	1595.2	1558.2	1521.1	1501.1	1481.3	1501.7	1522.3	1574.9	1675.0
1633.9	52.5°	1590.4	1547.1	1513.2	1479.2	1449.4	1419.5	1439.7	1460.0	1533.5	1648.7
1596.7	55°	1558.8	1520.7	1484.1	1447.5	1405.2	1362.8	1394.8	1426.9	1537.6	1644.8
1566.0	57.5°	1528.3	1490.7	1447.7	1404.7	1359.1	1313.5	1360.3	1407.1	1541.8	1636.3
1522.3	60°	1484.0	1445.8	1396.5	1347.1	1307.1	1267.1	1327.8	1388.4	1528.8	1591.2
1462.6	62.5°	1421.9	1381.1	1323.4	1265.9	1240.5	1215.1	1290.8	1366.7	1496.9	1504.6
1380.5	65°	1341.5	1302.5	1240.7	1179.1	1169.4	1159.6	1240.3	1320.8	1420.1	1419.1
1286.6	67.5°	1249.7	1212.7	1155.7	1098.7	1101.8	1104.9	1172.0	1239.1	1294.9	1297.5
1182.6	70°	1150.7	1118.8	1068.7	1018.6	1029.3	1039.9	1087.6	1135.4	1153.7	1153.7
1059.7	72.5°	1030.9	1002.1	962.8	923.3	938.8	954.4	987.1	1019.8	1019.6	1008.0
919.2	75°	893.0	866.9	837.6	808.3	823.3	838.2	863.5	888.7	893.2	839.8
779.2	77.5°	756.7	734.3	710.5	686.6	701.8	716.9	737.1	757.3	759.7	671.6
625.6	80°	606.7	587.8	568.0	548.2	560.9	573.6	590.6	607.5	607.8	502.7
395.8	82.5°	402.4	409.0	410.7	412.3	421.3	430.3	438.5	446.8	441.9	352.1
202.6	85°	220.9	239.2	247.9	256.4	266.4	276.5	285.3	294.2	287.7	220.9
90.4	87.5°	104.4	118.4	118.7	119.1	121.0	122.9	126.4	130.0	121.7	93.9
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°
3078.8	0°	3078.8	3078.8	3078.8	3078.8	3078.8	3078.8	3078.8
3125.8	2.5°	3151.8	3179.0	3206.2	3233.1	3260.2	3285.6	3311.0
3171.0	5°	3223.5	3279.8	3336.1	3392.0	3448.0	3504.1	3560.3
3214.6	7.5°	3287.9	3371.2	3454.5	3540.0	3625.6	3718.1	3810.7
3253.4	10°	3340.2	3441.4	3542.5	3655.5	3768.5	3885.6	4002.7
3270.1	12.5°	3368.3	3487.6	3606.9	3735.0	3863.1	3991.6	4120.3
3257.2	15°	3370.9	3508.3	3645.7	3784.6	3923.5	4057.6	4191.7
3201.1	17.5°	3337.8	3497.3	3656.8	3808.4	3959.9	4095.9	4231.9
3104.3	20°	3273.8	3467.0	3660.3	3826.9	3993.5	4134.9	4276.2
2990.8	22.5°	3194.8	3429.9	3665.0	3851.9	4038.7	4183.2	4327.6
2864.0	25°	3103.0	3393.3	3683.7	3897.3	4110.8	4252.2	4393.8
2748.1	27.5°	3015.0	3368.9	3722.7	3968.2	4213.6	4348.6	4483.5
2651.3	30°	2938.5	3357.4	3776.1	4060.0	4343.9	4474.2	4604.6
2567.7	32.5°	2864.0	3343.2	3822.2	4155.8	4489.5	4618.5	4747.6
2485.6	35°	2777.3	3316.5	3856.0	4265.0	4674.0	4797.7	4921.3
2389.0	37.5°	2665.6	3270.8	3876.0	4387.3	4898.5	5056.1	5213.7
2273.7	40°	2527.1	3207.8	3888.7	4542.5	5196.2	5425.9	5655.5
2146.4	42.5°	2373.3	3142.9	3912.7	4745.6	5578.5	5910.0	6241.5
2011.3	45°	2210.2	3082.5	3954.9	5012.8	6070.8	6518.0	6965.1
1904.4	47.5°	2081.5	3032.6	3983.8	5297.6	6611.3	7240.8	7870.1
1833.3	50°	1991.7	2978.3	3964.9	5561.7	7158.5	8107.5	9056.3
1786.6	52.5°	1924.6	2886.5	3848.5	5733.3	7617.9	9017.9	10417.9
1752.7	55°	1860.5	2734.3	3608.1	5695.5	7782.7	9825.0	11867.5
1712.5	57.5°	1788.7	2519.8	3250.7	5429.4	7608.2	10397.1	13186.0
1651.1	60°	1711.0	2241.2	2771.4	4934.3	7097.1	10540.0	13982.9
1544.3	62.5°	1584.1	1907.8	2231.5	4264.7	6298.0	9938.1	13578.2
1437.9	65°	1456.7	1607.8	1758.9	3581.6	5404.5	9086.4	12768.4
1287.1	67.5°	1276.5	1319.5	1362.4	2912.5	4462.5	8072.9	11683.2
1105.1	70°	1056.4	1044.3	1032.0	2293.2	3554.3	6966.9	10379.5
939.1	72.5°	870.1	833.0	796.1	1753.1	2710.2	5768.0	8825.9
762.5	75°	685.2	651.7	618.1	1272.4	1926.7	4393.6	6860.6
596.6	77.5°	521.6	498.7	475.9	862.2	1248.5	3075.2	4901.8
439.3	80°	375.7	366.2	356.8	555.5	754.3	1981.3	3208.2
305.3	82.5°	258.5	256.6	255.0	341.7	428.6	1146.7	1864.9
186.7	85°	152.4	153.4	154.2	182.6	211.2	515.8	820.5
79.9	87.5°	65.9	66.8	67.6	75.7	83.9	168.9	254.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)