

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: STREETWORKS

Report Number: P722583

Luminaire Tested: **IFLD-M-SA4A-827-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722583
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-M-SA4A-827-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (64) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

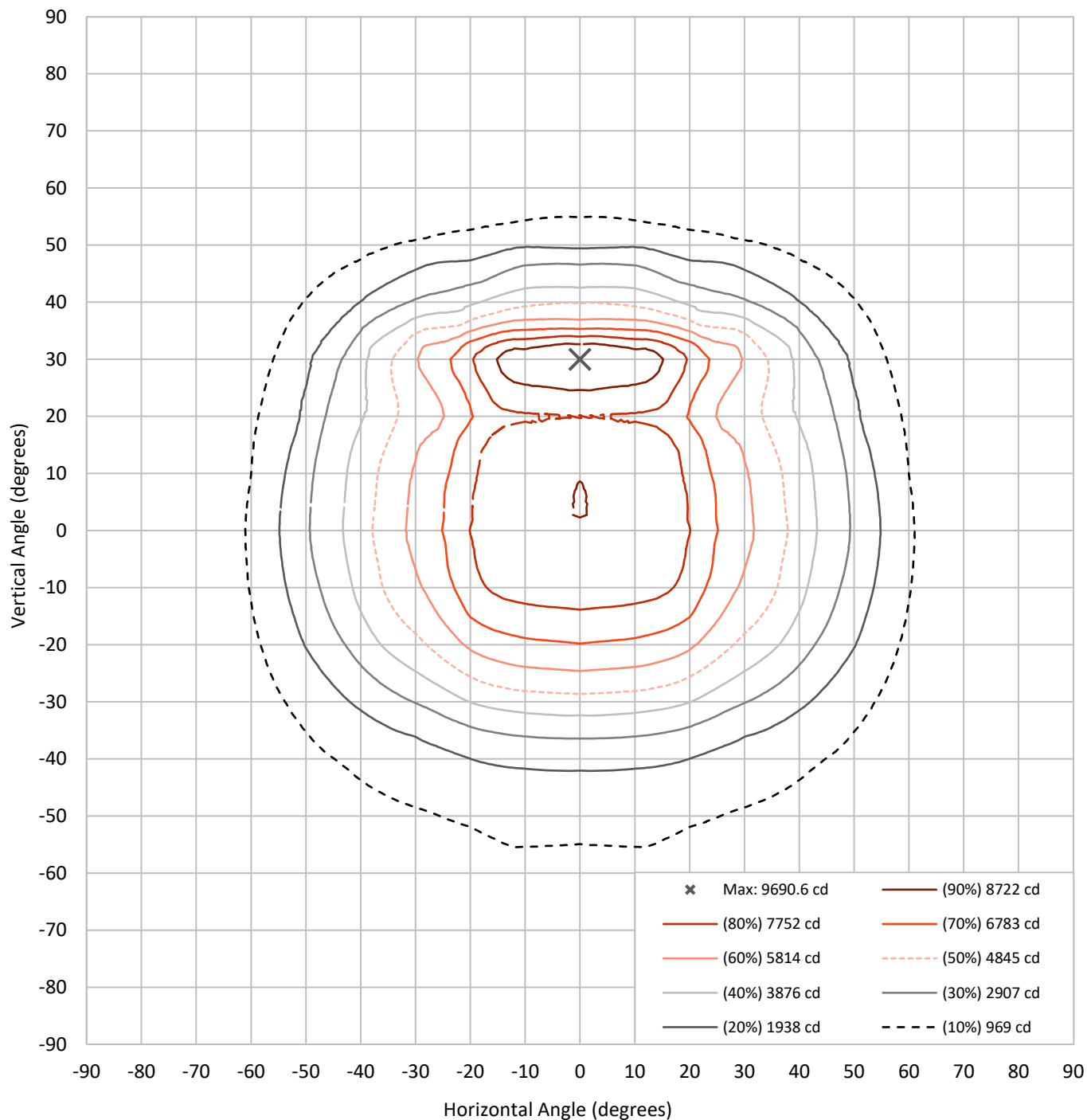
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	13881.2 lumens	Max Intensity:	9690.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	107.9 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 0.5' x H: 0')		
Beam Angle (50%):	68.6°H x 68.4°V	Field Angle (10%):	111.9°H x 109.7°V
Beam Lumens:	8855.6 lumens	Field Lumens:	13086.9 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%
Input Watts (W):	128.6		
Input Voltage (V):	120		
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:	28.75 FT		



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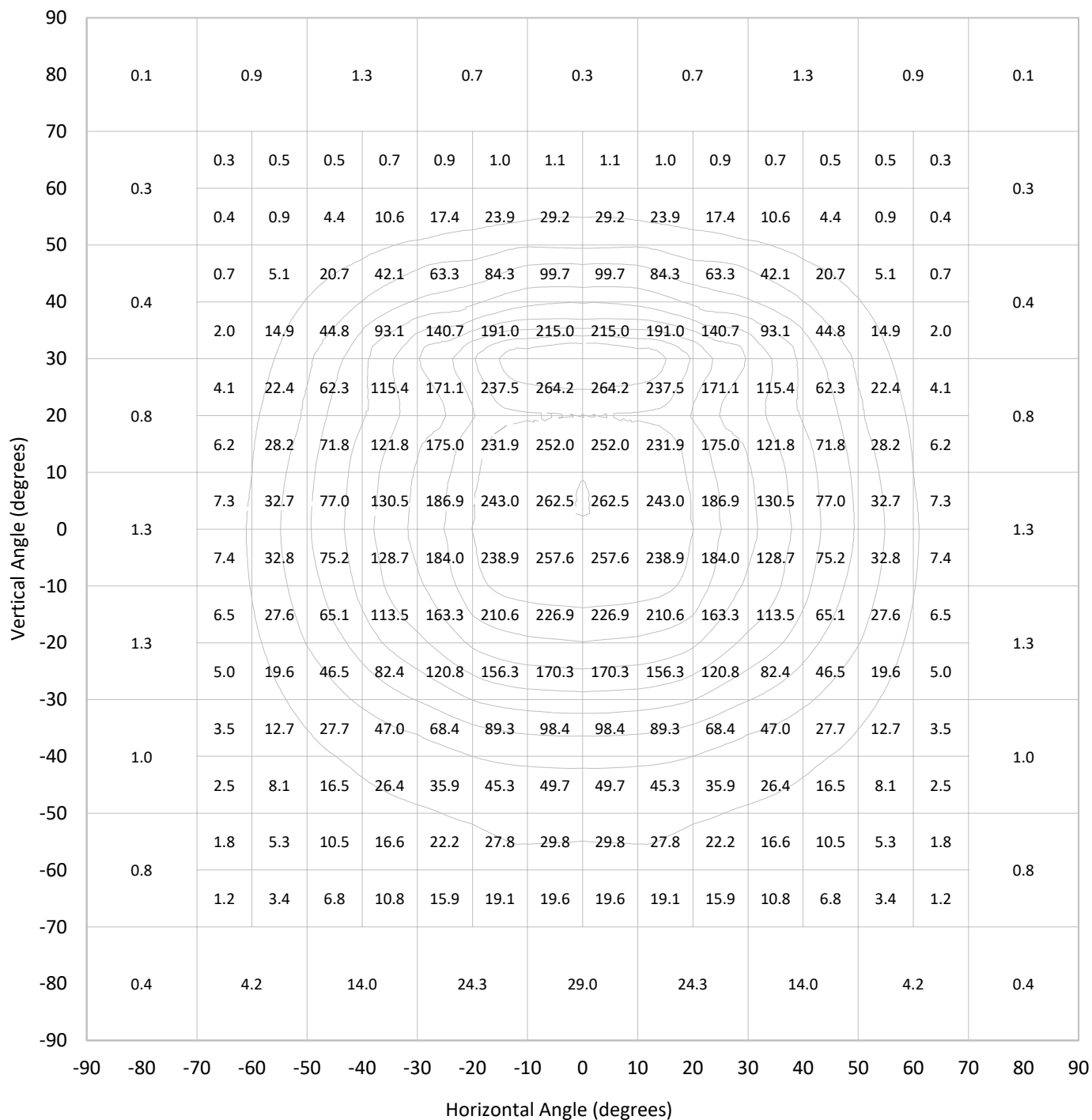
Iso-Candela Plot



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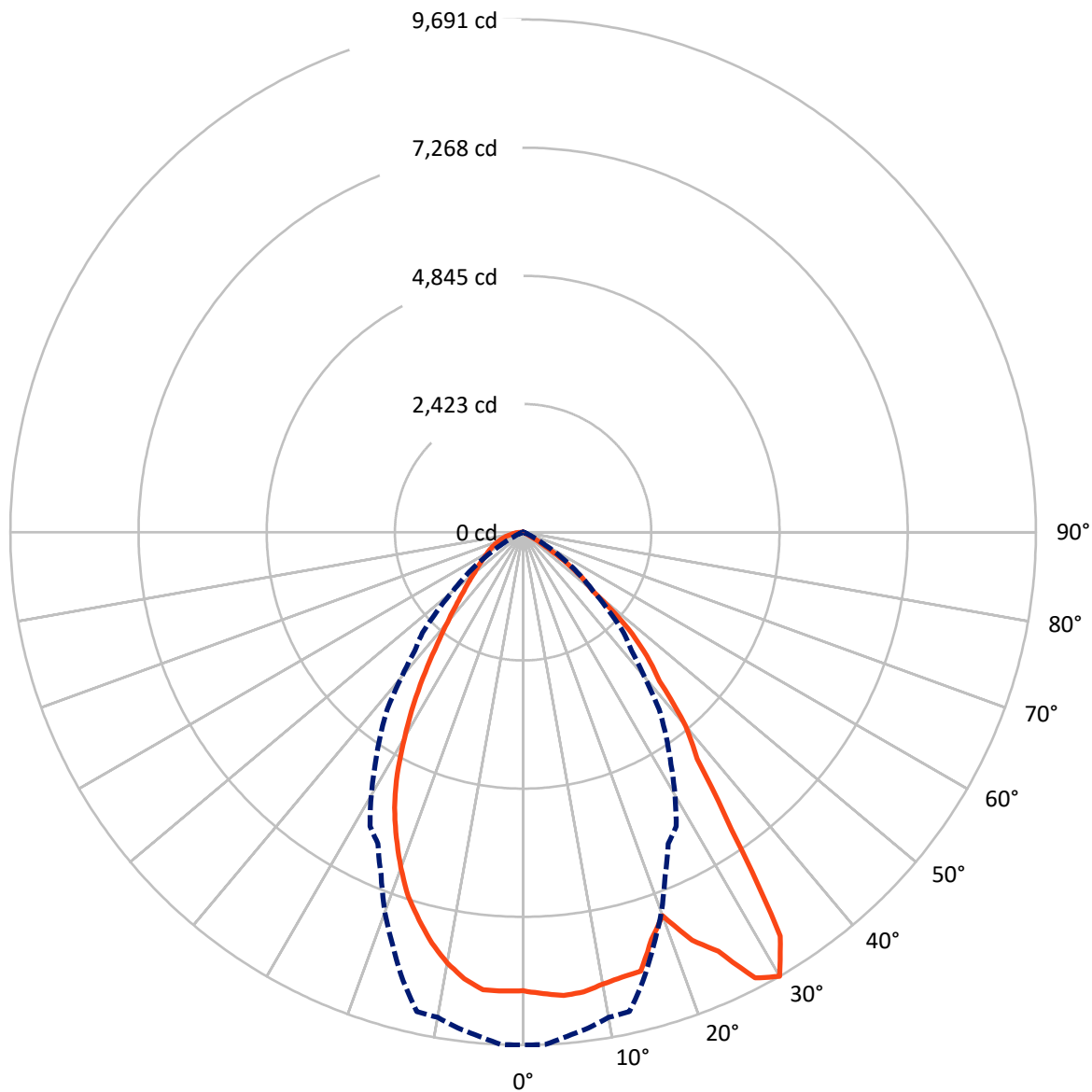
Lumen Table



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Luminous Intensity Polar Plot



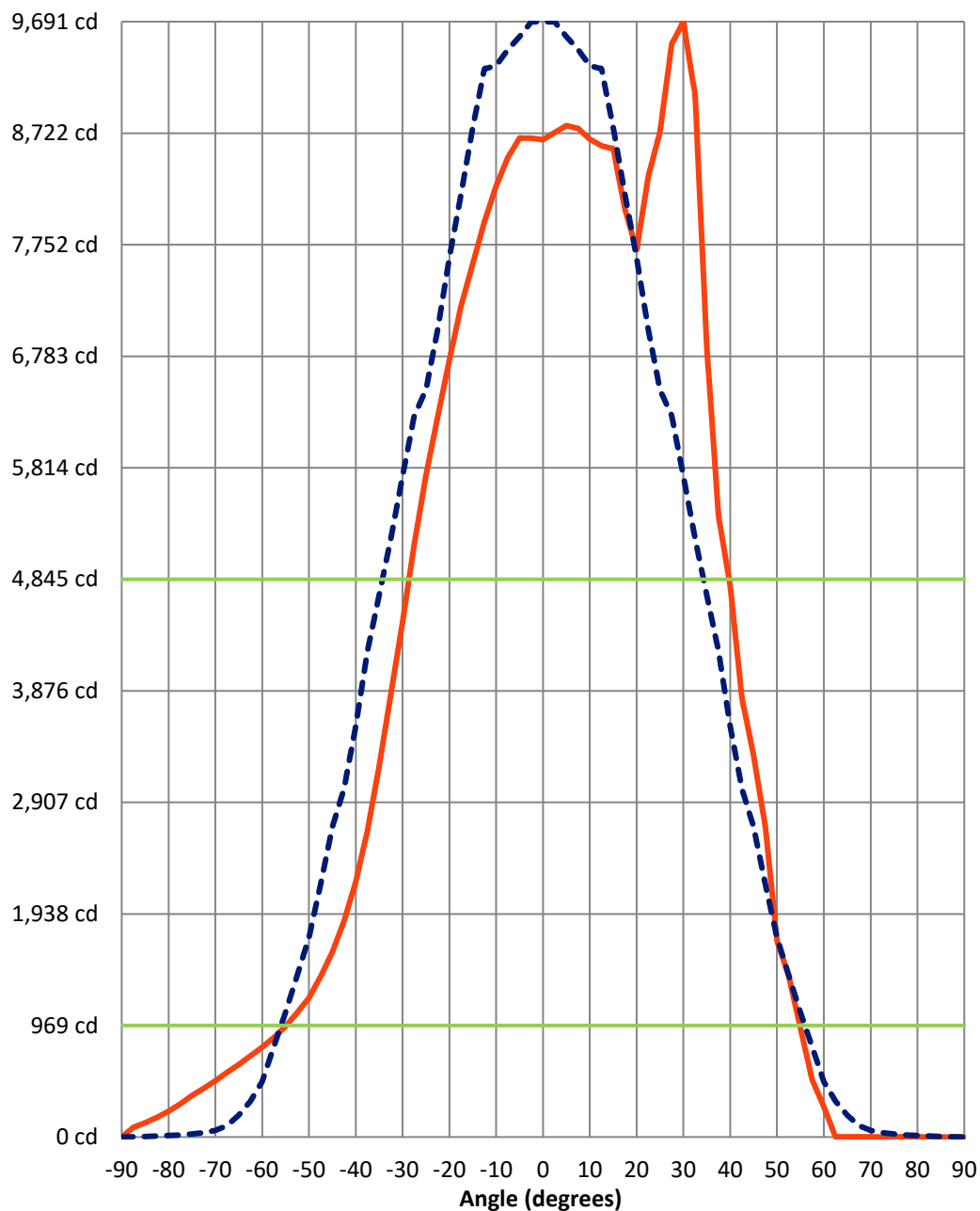
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 8855.6

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 13086.9

Efficiency: 94.3%

Spill:

Lumens: 794.3

Efficiency: 5.7%

— Vertical Distribution through 0-Deg

- - - Horizontal Distribution through 30-Deg

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FIELD
BEAM

CANDELA DISTRIBUTION:

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	2.2	2.2	2.2	2.2	2.2	2.2	2.2
85°	0.0	2.2	2.2	2.2	4.4	4.4	4.4	4.4	4.4	4.4	6.6
82.5°	0.0	2.2	2.2	2.2	4.4	4.4	4.4	4.4	6.6	6.6	8.8
80°	2.2	2.2	2.2	2.2	4.4	4.4	4.4	6.6	6.6	8.8	8.8
77.5°	2.2	2.2	2.2	4.4	4.4	4.4	6.6	6.6	8.8	8.8	11.0
75°	2.2	2.2	2.2	4.4	4.4	6.6	6.6	6.6	8.8	8.8	11.0
72.5°	0.0	2.2	2.2	4.4	4.4	6.6	6.6	6.6	8.8	8.8	8.8
70°	2.2	2.2	2.2	4.4	4.4	6.6	6.6	6.6	8.8	8.8	8.8
67.5°	2.2	2.2	2.2	4.4	4.4	6.6	6.6	8.8	8.8	8.8	11.0
65°	2.2	2.2	2.2	4.4	6.6	6.6	8.8	11.0	11.0	13.3	15.5
62.5°	2.2	4.4	4.4	6.6	8.8	11.0	24.3	37.6	37.6	26.5	22.1
60°	263.0	285.1	282.9	256.4	223.2	187.8	181.2	174.6	161.3	141.4	148.1
57.5°	499.4	526.0	537.0	530.4	512.7	481.8	464.1	444.2	417.7	386.7	351.4
55°	945.9	956.9	932.6	886.2	835.4	784.5	766.9	740.3	700.6	660.8	607.7
52.5°	1398.9	1436.5	1425.4	1379.0	1310.5	1219.9	1120.4	1043.1	996.7	952.5	899.4
50°	1708.3	1723.8	1754.7	1809.9	1829.8	1768.0	1606.6	1398.9	1250.8	1326.0	1268.5
47.5°	2696.1	2773.5	2758.0	2718.2	2651.9	2484.0	2258.6	2072.9	1918.2	1867.4	1876.2
45°	3312.7	3343.7	3332.6	3314.9	3284.0	3127.1	2877.4	2592.3	2448.6	2391.2	2331.5
42.5°	3818.8	3851.9	3858.6	3860.8	3827.6	3684.0	3458.6	3173.5	3029.8	2864.1	2733.7
40°	4784.5	4833.2	4777.9	4705.0	4594.5	4430.9	4210.0	3947.0	3692.8	3489.5	3334.8
37.5°	5401.1	5460.8	5482.9	5478.5	5454.2	5383.4	5111.6	4861.9	4472.9	4017.7	4099.5
35°	6864.1	6926.0	6908.3	6842.0	6806.6	6731.5	6466.3	6170.2	5681.8	5186.7	5054.2
32.5°	9045.3	9180.1	8928.2	8651.9	8481.8	8541.5	8271.8	7547.0	7321.6	6428.7	6015.5
30°	9690.6	9688.4	9560.2	9447.5	9308.3	9279.6	8771.3	8192.3	7639.8	7014.4	6492.8
27.5°	9493.9	9454.2	9345.9	9264.1	9133.7	9065.2	8568.0	8108.3	7469.6	6910.5	6406.6
25°	8735.9	8766.9	8656.4	8640.9	8590.1	8457.5	8210.0	7692.8	7122.7	6503.9	6141.4
22.5°	8344.8	8333.7	8201.1	8123.8	8185.6	8044.2	7944.8	7423.2	6828.7	6307.2	5871.8
20°	7708.3	7710.5	7677.4	7670.7	7633.2	7569.1	7489.5	7120.5	6700.6	6254.2	5730.4
17.5°	8064.1	8154.7	8194.5	7865.2	7958.0	7885.1	7801.1	7286.2	6970.2	6574.6	5891.7
15°	8585.6	8552.5	8512.7	8495.0	8444.2	8375.7	8223.2	7812.2	7268.5	6859.7	6327.1
12.5°	8612.2	8548.1	8532.6	8530.4	8477.4	8382.3	8234.3	7893.9	7412.2	6914.9	6481.8
10°	8669.6	8603.3	8594.5	8605.5	8523.8	8464.1	8316.0	8000.0	7456.4	7010.0	6601.1
7.5°	8762.4	8651.9	8702.8	8669.6	8632.1	8537.0	8377.9	8068.5	7617.7	7135.9	6707.2
5°	8786.8	8665.2	8720.5	8689.5	8634.3	8541.5	8369.1	8112.7	7717.1	7186.8	6749.2
2.5°	8727.1	8691.7	8667.4	8610.0	8585.6	8484.0	8320.5	8046.4	7670.7	7164.7	6740.3
0°	8665.2	8696.1	8640.9	8583.4	8572.4	8490.6	8351.4	8103.9	7779.0	7226.5	6815.5
-2.5°	8678.5	8654.2	8616.6	8556.9	8499.5	8382.3	8256.4	8024.3	7675.2	7091.7	6709.4
-5°	8678.5	8565.8	8570.2	8572.4	8514.9	8393.4	8240.9	8044.2	7613.3	7089.5	6678.5
-7.5°	8510.5	8413.3	8397.8	8384.5	8369.1	8256.4	8137.0	7891.7	7509.4	7032.1	6592.3
-10°	8263.0	8168.0	8176.8	8156.9	8108.3	8033.2	7942.6	7721.6	7407.7	6850.8	6417.7
-12.5°	7953.6	7911.6	7887.3	7854.2	7805.5	7739.2	7646.4	7438.7	7102.8	6627.6	6216.6
-15°	7586.8	7555.8	7533.7	7513.8	7443.1	7374.6	7253.1	7060.8	6850.8	6340.3	5920.5
-17.5°	7219.9	7142.6	7111.6	7085.1	7038.7	6928.2	6817.7	6674.0	6380.1	5975.7	5615.5
-20°	6749.2	6702.8	6665.2	6629.8	6563.5	6477.4	6386.8	6221.0	5966.9	5639.8	5266.3

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CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	6256.4	6229.8	6198.9	6154.7	6110.5	6028.7	5902.8	5743.7	5544.8	5191.2	4842.0
-25°	5748.1	5697.2	5659.7	5617.7	5582.3	5507.2	5385.6	5233.2	4983.4	4678.5	4386.7
-27.5°	5149.2	5100.6	5080.7	5032.1	5001.1	4932.6	4811.1	4669.6	4444.2	4187.9	3891.7
-30°	4472.9	4481.8	4459.7	4413.3	4375.7	4287.3	4194.5	4075.1	3898.3	3653.0	3387.9
-32.5°	3847.5	3858.6	3832.1	3783.4	3734.8	3670.7	3584.5	3476.2	3343.7	3109.4	2879.6
-35°	3222.1	3217.7	3195.6	3166.9	3133.7	3080.7	2983.4	2901.7	2749.2	2585.6	2426.5
-37.5°	2660.8	2671.8	2665.2	2649.7	2612.2	2568.0	2488.4	2413.3	2300.6	2156.9	2033.2
-40°	2216.6	2229.8	2221.0	2205.5	2172.4	2145.9	2092.8	2026.5	1935.9	1812.2	1708.3
-42.5°	1876.2	1885.1	1874.0	1860.8	1832.0	1812.2	1770.2	1714.9	1639.8	1544.8	1451.9
-45°	1606.6	1608.8	1597.8	1589.0	1566.9	1542.5	1507.2	1463.0	1403.3	1337.0	1261.9
-47.5°	1394.5	1392.3	1381.2	1372.4	1354.7	1332.6	1303.9	1264.1	1217.7	1166.9	1107.2
-50°	1208.8	1219.9	1215.5	1206.6	1193.4	1177.9	1149.2	1107.2	1060.8	1023.2	981.2
-52.5°	1080.7	1082.9	1080.7	1080.7	1078.5	1067.4	1034.3	992.3	941.4	908.3	872.9
-55°	961.3	972.4	976.8	981.2	983.4	983.4	943.6	899.4	850.8	817.7	791.2
-57.5°	864.1	870.7	875.1	886.2	895.0	901.7	866.3	826.5	789.0	758.0	733.7
-60°	780.1	789.0	795.6	806.6	813.3	817.7	795.6	769.1	747.0	727.1	691.7
-62.5°	705.0	711.6	718.2	724.9	731.5	735.9	727.1	713.8	702.8	693.9	649.7
-65°	629.8	636.5	643.1	651.9	658.6	663.0	660.8	651.9	643.1	634.3	594.5
-67.5°	561.3	568.0	576.8	579.0	583.4	585.6	581.2	574.6	563.5	552.5	521.5
-70°	488.4	492.8	497.2	497.2	497.2	495.0	490.6	481.8	470.7	455.2	430.9
-72.5°	422.1	426.5	430.9	424.3	419.9	413.3	406.6	395.6	384.5	373.5	360.2
-75°	360.2	362.4	362.4	353.6	347.0	340.3	331.5	324.9	313.8	305.0	293.9
-77.5°	287.3	287.3	287.3	280.7	276.2	271.8	265.2	258.6	249.7	243.1	234.3
-80°	223.2	223.2	223.2	221.0	214.4	209.9	205.5	201.1	194.5	190.1	185.6
-82.5°	170.2	170.2	170.2	168.0	163.5	161.3	156.9	152.5	150.3	145.9	143.6
-85°	123.8	126.0	126.0	123.8	121.5	117.1	114.9	112.7	110.5	108.3	103.9
-87.5°	84.0	84.0	84.0	81.8	79.6	79.6	77.3	72.9	68.5	66.3	64.1
-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):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
85°	6.6	6.6	6.6	8.8	8.8	8.8	8.8	8.8	8.8	8.8	6.6
82.5°	11.0	11.0	13.3	13.3	15.5	15.5	15.5	15.5	15.5	15.5	15.5
80°	11.0	13.3	15.5	17.7	19.9	22.1	22.1	22.1	22.1	19.9	19.9
77.5°	13.3	13.3	15.5	17.7	19.9	22.1	24.3	26.5	24.3	24.3	24.3
75°	13.3	15.5	15.5	17.7	19.9	22.1	24.3	26.5	26.5	26.5	26.5
72.5°	11.0	13.3	15.5	17.7	17.7	19.9	22.1	22.1	24.3	24.3	26.5
70°	11.0	13.3	15.5	15.5	17.7	17.7	19.9	22.1	22.1	24.3	24.3
67.5°	13.3	15.5	15.5	17.7	19.9	19.9	19.9	22.1	22.1	24.3	24.3
65°	15.5	17.7	17.7	19.9	22.1	22.1	24.3	24.3	24.3	26.5	26.5
62.5°	26.5	26.5	26.5	24.3	26.5	26.5	26.5	28.7	28.7	26.5	28.7
60°	137.0	99.4	68.5	86.2	77.3	35.4	35.4	35.4	33.1	33.1	30.9
57.5°	322.7	300.6	258.6	218.8	196.7	174.6	108.3	44.2	44.2	39.8	35.4
55°	539.2	466.3	435.4	382.3	324.9	298.3	247.5	168.0	79.6	53.0	46.4
52.5°	835.4	766.9	687.3	579.0	501.7	439.8	397.8	316.0	212.2	112.7	70.7
50°	1118.2	1087.3	1038.7	932.6	771.3	667.4	598.9	506.1	380.1	232.0	132.6
47.5°	1801.1	1542.5	1385.6	1303.9	1169.1	972.4	839.8	735.9	583.4	391.2	234.3
45°	2267.4	2103.9	1854.1	1681.8	1482.9	1275.1	1102.8	983.4	802.2	585.6	366.9
42.5°	2667.4	2526.0	2300.6	2048.6	1838.7	1566.9	1345.9	1189.0	1036.5	800.0	548.1
40°	3182.3	3014.4	2797.8	2552.5	2307.2	1960.2	1602.2	1412.2	1244.2	1034.3	740.3
37.5°	4030.9	3734.8	3381.2	3109.4	2789.0	2495.0	2004.4	1668.5	1469.6	1250.8	965.7
35°	5051.9	4727.1	4137.0	3776.8	3348.1	2910.5	2468.5	1971.3	1688.4	1456.4	1173.5
32.5°	6002.2	5527.1	4771.3	4349.2	4064.1	3257.5	2800.0	2369.1	1913.8	1628.7	1292.8
30°	6265.2	5741.4	5200.0	4707.2	4221.0	3569.1	3027.6	2691.7	2196.7	1732.6	1405.5
27.5°	6000.0	5639.8	5219.9	4762.4	4236.5	3677.4	3166.9	2846.4	2404.4	1803.3	1493.9
25°	5730.4	5354.7	5060.8	4678.5	4192.3	3670.7	3171.3	2943.7	2565.7	1940.3	1542.5
22.5°	5445.3	5211.1	4968.0	4541.4	4081.8	3690.6	3314.9	3027.6	2649.7	2095.0	1562.4
20°	5460.8	5308.3	5040.9	4470.7	4061.9	3807.7	3487.3	3133.7	2740.3	2229.8	1577.9
17.5°	5708.3	5509.4	5173.5	4678.5	4240.9	3927.1	3630.9	3279.6	2833.2	2349.2	1765.7
15°	6013.3	5710.5	5359.1	4923.8	4428.7	4057.5	3741.4	3381.2	2939.2	2459.7	1933.7
12.5°	6234.3	5803.3	5474.0	5080.7	4632.1	4198.9	3814.4	3458.6	3038.7	2550.3	2059.7
10°	6309.4	5918.2	5529.3	5177.9	4735.9	4274.0	3869.6	3507.2	3124.9	2621.0	2152.5
7.5°	6349.2	6017.7	5566.9	5222.1	4797.8	4320.4	3913.8	3533.7	3193.4	2669.6	2212.2
5°	6344.8	6070.7	5595.6	5235.4	4830.9	4340.3	3944.8	3540.3	3242.0	2711.6	2247.5
2.5°	6324.9	6106.1	5642.0	5257.5	4897.2	4377.9	4004.4	3553.6	3259.7	2758.0	2271.8
0°	6397.8	6108.3	5690.6	5264.1	4941.4	4391.2	4030.9	3542.5	3235.4	2771.3	2269.6
-2.5°	6240.9	5977.9	5679.6	5206.6	4881.8	4360.2	3982.3	3507.2	3182.3	2755.8	2260.8
-5°	6214.4	5882.9	5586.7	5153.6	4782.3	4296.1	3891.7	3440.9	3098.3	2705.0	2225.4
-7.5°	6143.7	5792.3	5496.1	5111.6	4689.5	4229.8	3805.5	3372.4	3007.7	2625.4	2174.6
-10°	5989.0	5653.0	5398.9	5021.0	4576.8	4134.8	3701.7	3281.8	2901.7	2517.1	2095.0
-12.5°	5768.0	5432.1	5180.1	4828.7	4435.4	4006.6	3577.9	3164.6	2780.1	2402.2	2000.0
-15°	5518.2	5177.9	4926.0	4605.5	4225.4	3807.7	3421.0	3016.6	2640.9	2280.7	1887.3
-17.5°	5235.4	4912.7	4669.6	4358.0	3980.1	3582.3	3197.8	2830.9	2479.6	2154.7	1756.9
-20°	4908.3	4594.5	4371.3	4059.7	3712.7	3326.0	2952.5	2605.5	2289.5	1984.5	1613.3

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CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	4503.9	4227.6	3973.5	3695.0	3392.3	3038.7	2691.7	2384.5	2081.8	1783.4	1465.2
-25°	4090.6	3823.2	3575.7	3321.6	3032.0	2727.1	2430.9	2152.5	1856.4	1586.7	1321.5
-27.5°	3630.9	3392.3	3171.3	2937.0	2671.8	2408.8	2165.7	1893.9	1637.6	1407.7	1180.1
-30°	3140.3	2945.9	2753.6	2545.9	2331.5	2110.5	1893.9	1637.6	1436.5	1253.0	1060.8
-32.5°	2669.6	2495.0	2340.3	2185.6	2000.0	1818.8	1626.5	1436.5	1268.5	1107.2	945.9
-35°	2256.4	2070.7	1984.5	1860.8	1712.7	1549.2	1392.3	1259.7	1124.9	979.0	835.4
-37.5°	1898.3	1779.0	1677.4	1584.5	1467.4	1326.0	1213.3	1105.0	992.3	859.7	735.9
-40°	1617.7	1531.5	1429.8	1361.3	1266.3	1164.6	1051.9	961.3	866.3	758.0	656.4
-42.5°	1392.3	1321.5	1255.3	1182.3	1111.6	1025.4	928.2	842.0	755.8	676.2	592.3
-45°	1206.6	1155.8	1102.8	1043.1	981.2	906.1	826.5	738.1	676.2	605.5	534.8
-47.5°	1054.1	1016.6	972.4	926.0	872.9	806.6	733.7	669.6	605.5	545.9	477.3
-50°	932.6	897.2	861.9	822.1	775.7	718.2	663.0	603.3	543.6	486.2	422.1
-52.5°	830.9	800.0	771.3	738.1	693.9	645.3	594.5	541.4	486.2	428.7	377.9
-55°	760.2	724.9	696.1	663.0	623.2	576.8	530.4	481.8	428.7	384.5	342.5
-57.5°	702.8	663.0	629.8	594.5	554.7	514.9	472.9	428.7	389.0	347.0	307.2
-60°	654.1	607.7	570.2	534.8	497.2	459.7	424.3	386.7	349.2	311.6	271.8
-62.5°	603.3	554.7	508.3	475.1	446.4	413.3	382.3	347.0	313.8	276.2	247.5
-65°	545.9	499.4	455.2	426.5	400.0	371.3	342.5	311.6	282.9	254.1	227.6
-67.5°	481.8	442.0	411.1	384.5	358.0	333.7	307.2	280.7	256.4	227.6	201.1
-70°	404.4	382.3	364.6	344.8	320.4	298.3	274.0	249.7	223.2	198.9	174.6
-72.5°	344.8	331.5	318.2	298.3	276.2	256.4	236.5	214.4	192.3	170.2	150.3
-75°	282.9	271.8	260.8	247.5	229.8	214.4	196.7	176.8	159.1	143.6	128.2
-77.5°	227.6	218.8	212.2	201.1	187.8	174.6	163.5	150.3	137.0	121.5	106.1
-80°	181.2	176.8	174.6	170.2	159.1	148.1	139.2	128.2	114.9	103.9	92.8
-82.5°	141.4	141.4	139.2	137.0	128.2	119.3	112.7	103.9	95.0	86.2	75.1
-85°	103.9	101.7	101.7	99.4	92.8	88.4	81.8	77.3	70.7	61.9	57.5
-87.5°	61.9	59.7	57.5	55.2	50.8	48.6	44.2	42.0	37.6	33.1	30.9
-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°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	0.0	0.0
85°	6.6	4.4	4.4	4.4	4.4	4.4	2.2	2.2	2.2	2.2	2.2
82.5°	13.3	13.3	11.0	11.0	8.8	6.6	4.4	4.4	4.4	2.2	2.2
80°	19.9	19.9	19.9	17.7	15.5	11.0	8.8	6.6	4.4	2.2	2.2
77.5°	24.3	22.1	22.1	19.9	19.9	17.7	13.3	11.0	6.6	4.4	2.2
75°	24.3	24.3	24.3	22.1	22.1	19.9	17.7	13.3	11.0	6.6	4.4
72.5°	26.5	24.3	24.3	24.3	22.1	19.9	17.7	15.5	13.3	8.8	4.4
70°	24.3	24.3	24.3	24.3	22.1	22.1	17.7	15.5	15.5	8.8	6.6
67.5°	24.3	24.3	24.3	22.1	22.1	19.9	17.7	15.5	15.5	11.0	6.6
65°	26.5	24.3	24.3	24.3	22.1	19.9	17.7	15.5	15.5	13.3	8.8
62.5°	28.7	26.5	26.5	24.3	22.1	19.9	17.7	15.5	15.5	13.3	8.8
60°	30.9	28.7	26.5	26.5	24.3	22.1	17.7	17.7	15.5	13.3	8.8
57.5°	33.1	30.9	30.9	28.7	26.5	24.3	19.9	17.7	15.5	13.3	11.0
55°	39.8	35.4	33.1	33.1	30.9	26.5	22.1	17.7	15.5	13.3	11.0
52.5°	53.0	42.0	37.6	37.6	35.4	30.9	24.3	19.9	15.5	13.3	11.0
50°	84.0	53.0	44.2	39.8	39.8	35.4	28.7	22.1	15.5	13.3	11.0
47.5°	132.6	88.4	53.0	46.4	44.2	42.0	33.1	22.1	17.7	13.3	11.0
45°	218.8	130.4	86.2	55.2	46.4	44.2	37.6	24.3	17.7	15.5	11.0
42.5°	300.6	203.3	132.6	66.3	55.2	48.6	39.8	26.5	19.9	15.5	11.0
40°	472.9	278.5	185.6	108.3	64.1	50.8	44.2	30.9	19.9	15.5	11.0
37.5°	640.9	369.1	249.7	159.1	72.9	57.5	46.4	33.1	22.1	15.5	13.3
35°	808.8	517.1	309.4	212.2	97.2	68.5	48.6	35.4	22.1	15.5	13.3
32.5°	959.1	656.4	371.3	265.2	145.9	81.8	53.0	37.6	24.3	17.7	13.3
30°	1082.9	784.5	481.8	311.6	190.1	99.4	57.5	37.6	26.5	17.7	13.3
27.5°	1175.7	884.0	594.5	360.2	227.6	117.1	66.3	42.0	26.5	17.7	13.3
25°	1250.8	961.3	693.9	411.1	260.8	145.9	79.6	44.2	28.7	19.9	13.3
22.5°	1310.5	1025.4	775.7	479.6	300.6	174.6	97.2	48.6	28.7	19.9	13.3
20°	1392.3	1089.5	830.9	552.5	342.5	201.1	112.7	53.0	28.7	19.9	15.5
17.5°	1463.0	1153.6	875.1	614.4	384.5	221.0	130.4	57.5	30.9	19.9	15.5
15°	1544.8	1215.5	914.9	663.0	424.3	238.7	145.9	61.9	30.9	22.1	15.5
12.5°	1633.2	1272.9	943.6	702.8	466.3	254.1	159.1	70.7	33.1	22.1	15.5
10°	1723.8	1321.5	968.0	731.5	497.2	269.6	168.0	79.6	35.4	22.1	15.5
7.5°	1814.4	1365.7	998.9	744.8	510.5	287.3	172.4	88.4	35.4	24.3	15.5
5°	1876.2	1394.5	1043.1	753.6	517.1	307.2	179.0	99.4	37.6	24.3	15.5
2.5°	1929.3	1412.2	1089.5	760.2	519.3	318.2	176.8	106.1	39.8	24.3	15.5
0°	1953.6	1412.2	1120.4	755.8	512.7	329.3	176.8	112.7	39.8	24.3	15.5
-2.5°	1916.0	1451.9	1111.6	758.0	514.9	329.3	185.6	114.9	44.2	26.5	15.5
-5°	1856.4	1467.4	1085.1	747.0	510.5	329.3	196.7	117.1	46.4	26.5	17.7
-7.5°	1798.9	1474.0	1054.1	735.9	503.9	320.4	198.9	114.9	50.8	28.7	17.7
-10°	1723.8	1401.1	1014.4	716.0	490.6	313.8	203.3	114.9	53.0	28.7	17.7
-12.5°	1637.6	1312.7	965.7	687.3	475.1	307.2	205.5	114.9	55.2	30.9	17.7
-15°	1538.1	1222.1	910.5	656.4	453.0	298.3	201.1	112.7	57.5	30.9	19.9
-17.5°	1425.4	1133.7	853.0	618.8	428.7	287.3	192.3	110.5	57.5	30.9	19.9
-20°	1297.2	1045.3	789.0	581.2	400.0	274.0	183.4	106.1	57.5	30.9	19.9

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CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1182.3	963.5	722.7	539.2	369.1	258.6	172.4	101.7	57.5	33.1	19.9
-25°	1087.3	884.0	671.8	497.2	335.9	240.9	161.3	97.2	57.5	33.1	19.9
-27.5°	987.8	797.8	618.8	457.5	313.8	225.4	150.3	92.8	55.2	33.1	19.9
-30°	886.2	713.8	563.5	413.3	291.7	209.9	141.4	86.2	55.2	33.1	19.9
-32.5°	793.4	645.3	512.7	369.1	267.4	194.5	132.6	84.0	53.0	33.1	19.9
-35°	702.8	583.4	459.7	333.7	240.9	179.0	123.8	81.8	53.0	33.1	19.9
-37.5°	627.6	526.0	411.1	309.4	225.4	165.7	114.9	77.3	50.8	33.1	19.9
-40°	565.7	472.9	364.6	282.9	212.2	152.5	106.1	75.1	50.8	33.1	19.9
-42.5°	508.3	422.1	335.9	260.8	198.9	143.6	99.4	72.9	48.6	33.1	19.9
-45°	457.5	377.9	307.2	240.9	183.4	132.6	95.0	68.5	46.4	33.1	22.1
-47.5°	406.6	347.0	280.7	223.2	168.0	119.3	90.6	66.3	44.2	30.9	22.1
-50°	366.9	313.8	258.6	203.3	152.5	114.9	86.2	61.9	44.2	30.9	22.1
-52.5°	331.5	282.9	234.3	183.4	139.2	108.3	81.8	57.5	42.0	30.9	22.1
-55°	298.3	254.1	209.9	163.5	130.4	101.7	75.1	53.0	42.0	30.9	22.1
-57.5°	265.2	227.6	185.6	148.1	119.3	95.0	70.7	53.0	42.0	30.9	22.1
-60°	238.7	203.3	168.0	137.0	110.5	86.2	64.1	50.8	39.8	30.9	22.1
-62.5°	216.6	183.4	152.5	123.8	101.7	77.3	61.9	50.8	39.8	30.9	19.9
-65°	194.5	165.7	137.0	112.7	90.6	72.9	59.7	48.6	39.8	30.9	19.9
-67.5°	172.4	145.9	123.8	99.4	84.0	70.7	57.5	48.6	37.6	28.7	19.9
-70°	150.3	128.2	108.3	92.8	79.6	66.3	55.2	46.4	37.6	26.5	17.7
-72.5°	132.6	112.7	97.2	86.2	75.1	64.1	53.0	44.2	35.4	24.3	15.5
-75°	112.7	99.4	88.4	77.3	68.5	59.7	50.8	39.8	30.9	22.1	15.5
-77.5°	95.0	86.2	77.3	70.7	61.9	53.0	44.2	35.4	28.7	19.9	13.3
-80°	81.8	75.1	68.5	61.9	55.2	46.4	39.8	30.9	24.3	17.7	11.0
-82.5°	66.3	61.9	55.2	50.8	46.4	39.8	33.1	26.5	17.7	13.3	8.8
-85°	50.8	46.4	44.2	39.8	35.4	28.7	22.1	17.7	13.3	8.8	4.4
-87.5°	26.5	24.3	22.1	19.9	17.7	13.3	11.0	8.8	6.6	4.4	2.2
-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):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0
80°	2.2	0.0	0.0	0.0
77.5°	2.2	0.0	0.0	0.0
75°	2.2	2.2	0.0	0.0
72.5°	2.2	2.2	0.0	0.0
70°	2.2	2.2	0.0	0.0
67.5°	4.4	2.2	0.0	0.0
65°	4.4	2.2	0.0	0.0
62.5°	4.4	2.2	0.0	0.0
60°	4.4	2.2	0.0	0.0
57.5°	6.6	2.2	2.2	0.0
55°	6.6	2.2	2.2	0.0
52.5°	6.6	2.2	2.2	0.0
50°	6.6	4.4	2.2	0.0
47.5°	6.6	4.4	2.2	0.0
45°	6.6	4.4	2.2	0.0
42.5°	6.6	4.4	2.2	0.0
40°	8.8	4.4	2.2	0.0
37.5°	8.8	4.4	2.2	0.0
35°	8.8	4.4	2.2	0.0
32.5°	8.8	4.4	2.2	0.0
30°	8.8	4.4	2.2	0.0
27.5°	8.8	6.6	2.2	0.0
25°	8.8	6.6	2.2	0.0
22.5°	11.0	6.6	2.2	0.0
20°	11.0	6.6	2.2	0.0
17.5°	11.0	6.6	2.2	0.0
15°	11.0	6.6	2.2	0.0
12.5°	11.0	6.6	2.2	0.0
10°	11.0	6.6	2.2	0.0
7.5°	11.0	6.6	2.2	0.0
5°	11.0	6.6	2.2	0.0
2.5°	11.0	6.6	2.2	0.0
0°	11.0	6.6	2.2	0.0
-2.5°	11.0	6.6	2.2	0.0
-5°	11.0	6.6	2.2	0.0
-7.5°	11.0	6.6	2.2	0.0
-10°	11.0	6.6	2.2	0.0
-12.5°	13.3	6.6	2.2	0.0
-15°	13.3	6.6	2.2	0.0
-17.5°	13.3	6.6	2.2	0.0
-20°	13.3	6.6	2.2	0.0

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CATALOG NUMBER: IFLD-M-SA4A-827-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	13.3	6.6	2.2	0.0
-25°	13.3	6.6	2.2	0.0
-27.5°	13.3	6.6	2.2	0.0
-30°	13.3	6.6	2.2	0.0
-32.5°	13.3	6.6	2.2	0.0
-35°	13.3	6.6	2.2	0.0
-37.5°	13.3	6.6	2.2	0.0
-40°	13.3	6.6	2.2	0.0
-42.5°	11.0	6.6	2.2	0.0
-45°	13.3	6.6	2.2	0.0
-47.5°	13.3	6.6	2.2	0.0
-50°	13.3	6.6	2.2	0.0
-52.5°	13.3	6.6	2.2	0.0
-55°	13.3	6.6	2.2	0.0
-57.5°	13.3	6.6	2.2	0.0
-60°	13.3	6.6	2.2	0.0
-62.5°	11.0	6.6	2.2	0.0
-65°	11.0	4.4	2.2	0.0
-67.5°	11.0	4.4	2.2	0.0
-70°	11.0	4.4	2.2	0.0
-72.5°	8.8	4.4	2.2	0.0
-75°	8.8	4.4	2.2	0.0
-77.5°	6.6	2.2	0.0	0.0
-80°	6.6	2.2	0.0	0.0
-82.5°	4.4	2.2	0.0	0.0
-85°	2.2	2.2	0.0	0.0
-87.5°	2.2	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)