

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: P721975

Luminaire Tested: **IFLD-M-SA4B-722-U-76**

Issue Date: 10/26/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P721975  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 10/26/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-M-SA4B-722-U-76  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens  
Light Source: (64) 2200K CCT, 70 CRI LEDs  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

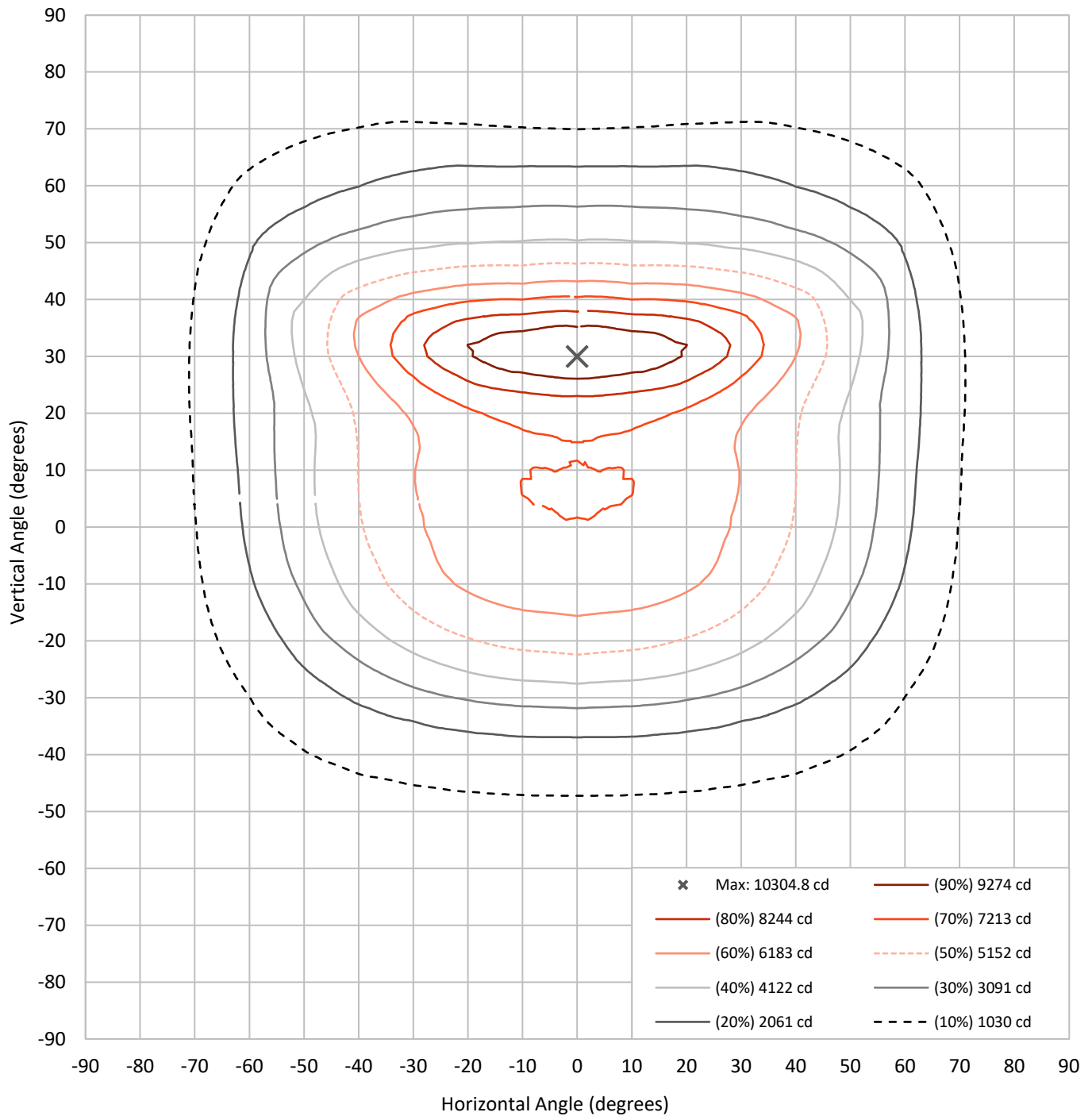
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	17201.2 lumens	Max Intensity:	10304.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	103.6 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 0.5' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	10002.7 lumens	Field Lumens:	16119.8 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 166.1  
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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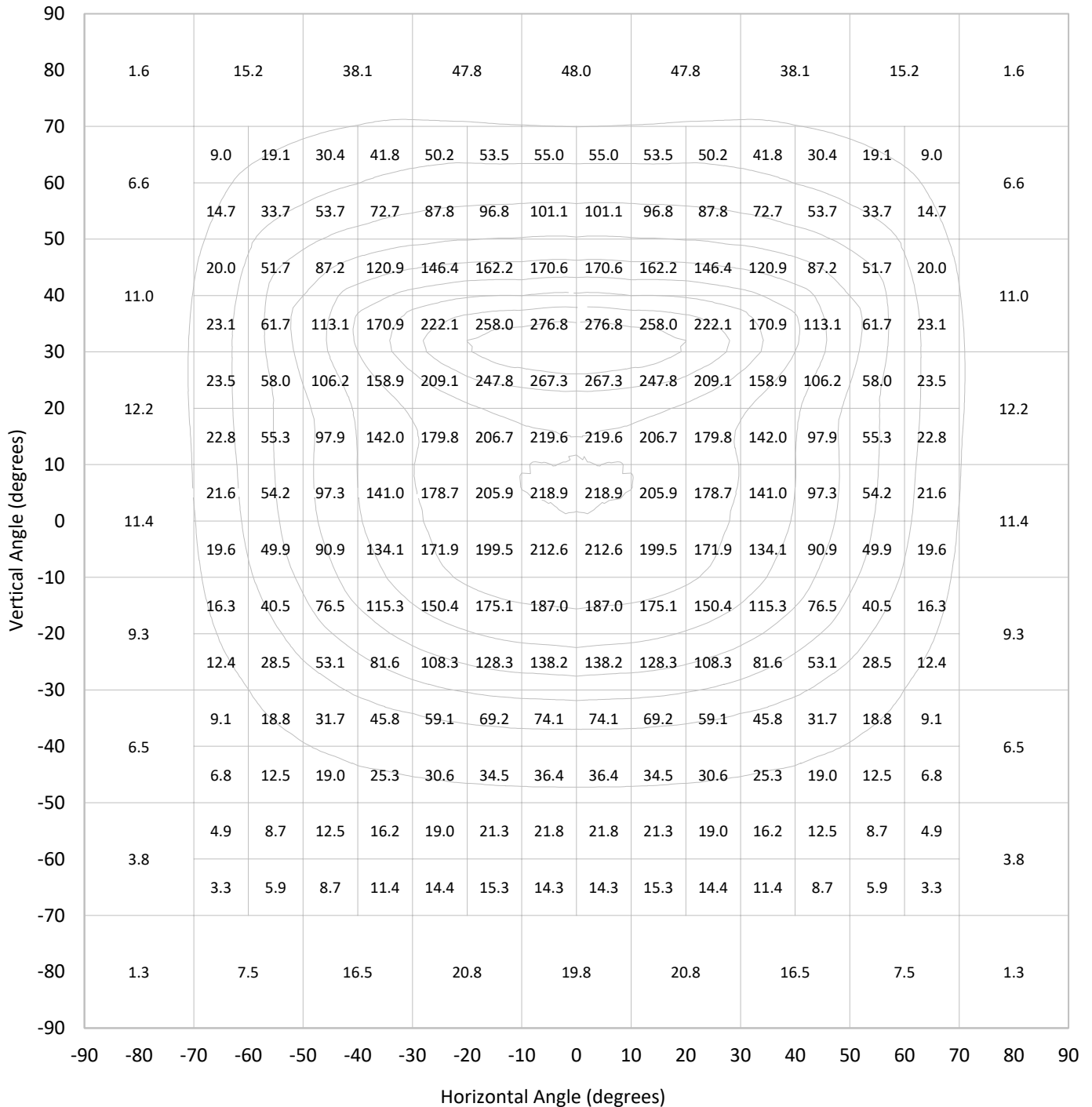
### Iso-Candela Plot





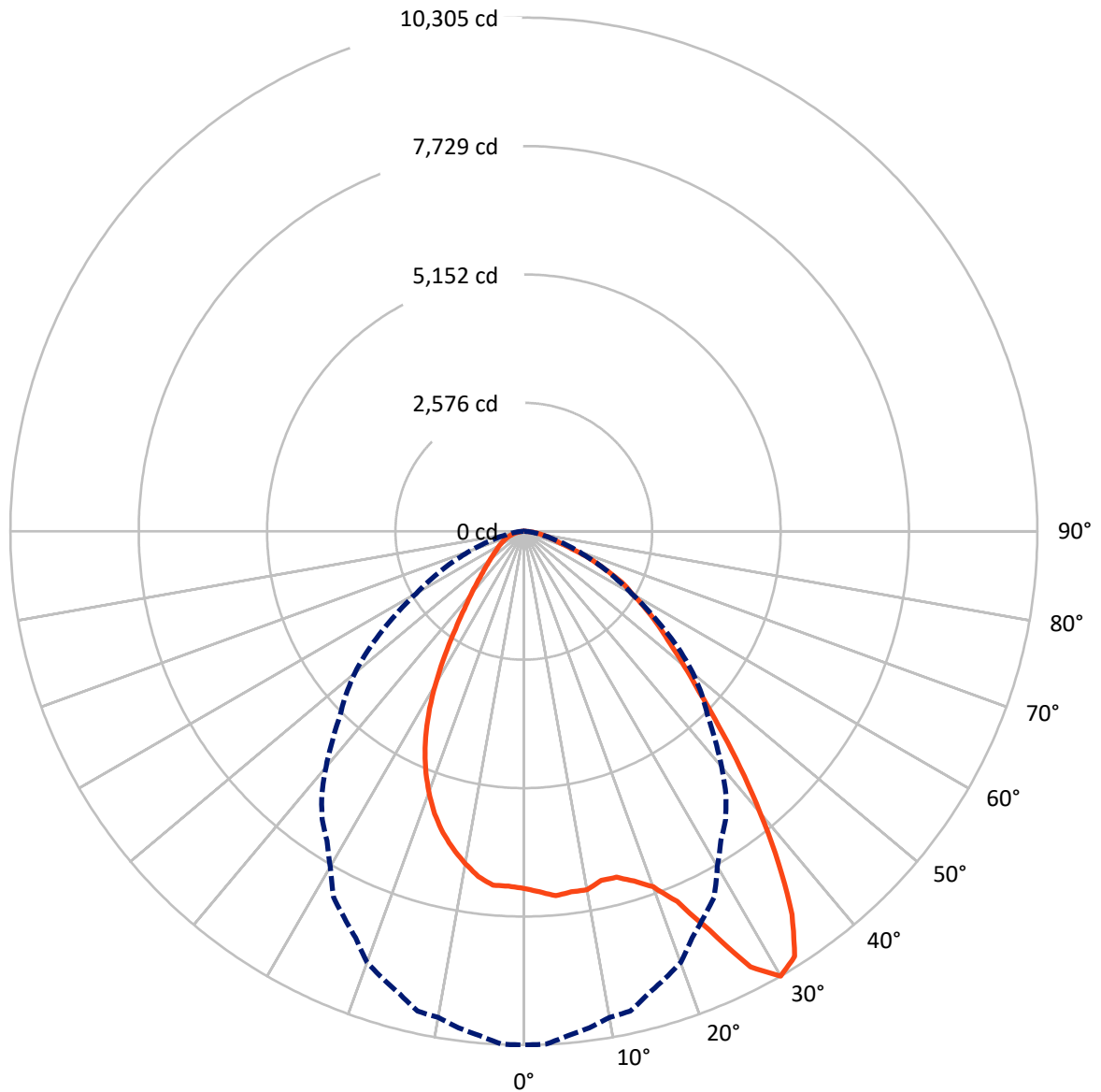
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### Lumen Table



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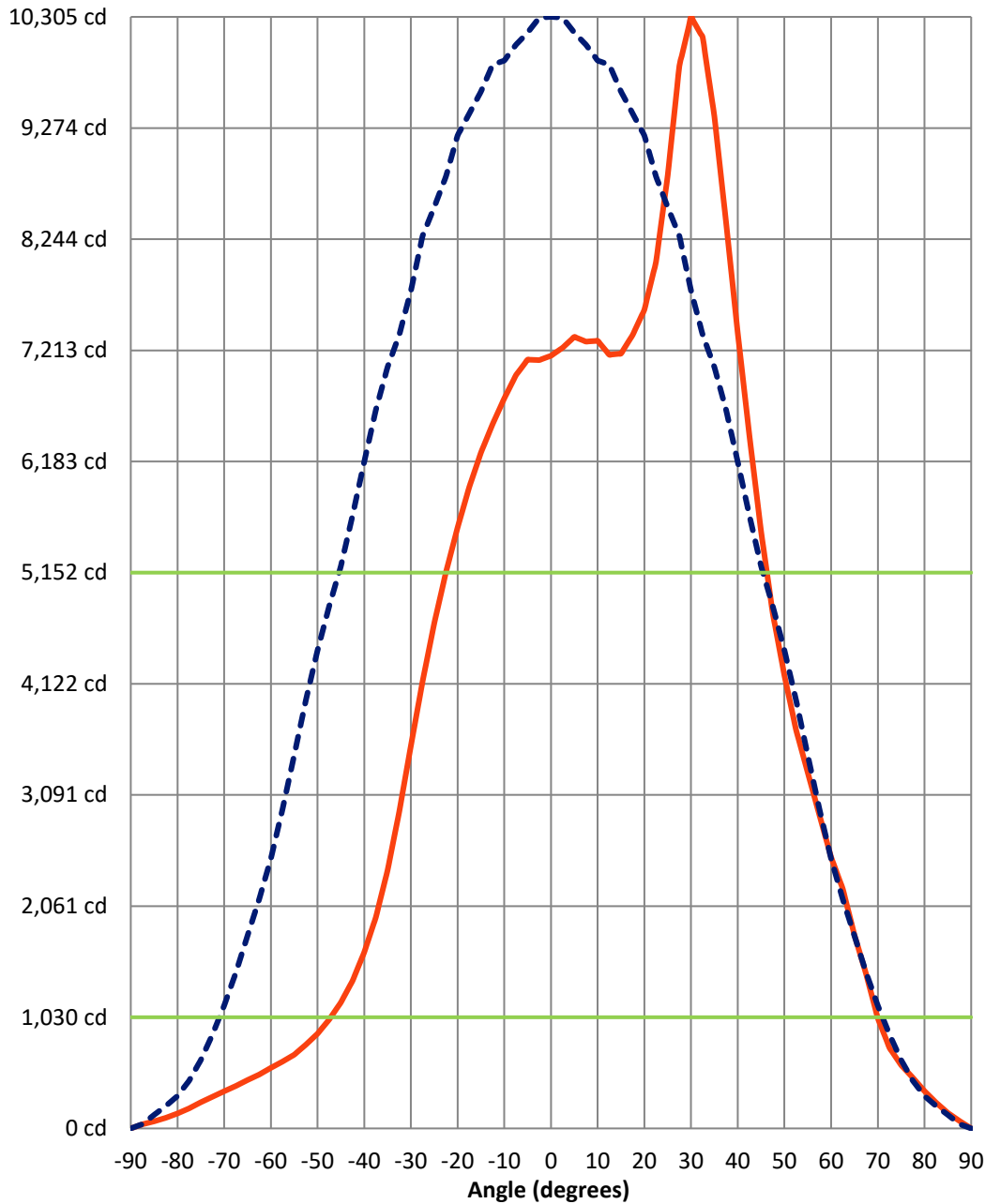
### Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg      - - - Horizontal Distribution Through 30-Deg

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 90.8°  
 V Angle: 68.8°  
 Lumens: 10002.7  
 Efficiency: 58.2%

**Field:**  
 H Angle: 142°  
 V Angle: 117.1°  
 Lumens: 16119.8  
 Efficiency: 93.7%

**Spill:**  
 Lumens: 1081.4  
 Efficiency: 6.3%

— 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°	69.2	71.1	72.9	72.9	71.1	71.1	71.1	69.2	71.1	71.1	71.1
85°	144.0	147.6	151.2	149.4	147.6	144.0	140.3	142.1	144.0	145.8	145.8
82.5°	238.7	244.2	247.8	246.0	242.4	238.7	235.1	236.9	240.5	242.4	242.4
80°	346.2	348.0	349.9	353.5	348.0	348.0	346.2	353.5	357.2	360.8	364.4
77.5°	470.1	472.0	472.0	473.8	475.6	477.4	477.4	490.2	499.3	504.8	510.2
75°	586.8	592.2	597.7	603.2	610.4	614.1	619.6	637.8	652.4	663.3	674.2
72.5°	747.1	754.4	763.5	776.3	789.0	798.1	810.9	832.8	849.2	860.1	872.9
70°	1022.3	1029.6	1038.7	1047.8	1060.5	1069.7	1082.4	1109.7	1126.1	1133.4	1140.7
67.5°	1430.5	1448.7	1465.1	1446.9	1437.7	1425.0	1428.6	1454.1	1470.5	1481.5	1479.7
65°	1793.1	1805.8	1805.8	1804.0	1796.7	1780.3	1789.4	1820.4	1838.6	1847.7	1820.4
62.5°	2219.5	2219.5	2210.4	2225.0	2226.8	2215.8	2210.4	2212.2	2214.0	2219.5	2173.9
60°	2514.7	2532.9	2538.4	2551.1	2554.8	2554.8	2563.9	2571.2	2571.2	2560.2	2507.4
57.5°	2904.6	2939.3	2946.6	2937.4	2919.2	2895.5	2891.9	2881.0	2859.1	2837.2	2811.7
55°	3298.3	3316.5	3314.7	3309.2	3291.0	3263.6	3267.3	3252.7	3218.1	3190.7	3156.1
52.5°	3693.7	3737.4	3744.7	3733.8	3708.3	3679.1	3680.9	3664.5	3629.9	3600.7	3553.4
50°	4198.4	4234.9	4231.2	4213.0	4176.6	4154.7	4156.5	4125.5	4085.5	4076.3	4014.4
47.5°	4776.1	4818.0	4810.7	4785.2	4736.0	4726.9	4736.0	4695.9	4672.2	4652.2	4579.3
45°	5534.1	5583.3	5556.0	5506.8	5428.4	5437.6	5450.3	5443.0	5392.0	5339.2	5246.2
42.5°	6423.4	6454.4	6421.6	6372.4	6274.0	6292.2	6284.9	6241.2	6210.2	6122.7	6004.3
40°	7374.6	7442.0	7391.0	7314.5	7212.4	7239.8	7219.7	7163.2	7090.3	6981.0	6831.6
37.5°	8400.5	8453.4	8395.0	8305.8	8214.6	8205.5	8165.4	8078.0	7974.1	7853.8	7615.1
35°	9382.7	9519.4	9411.9	9269.7	9158.6	9116.7	9078.4	8876.1	8757.7	8562.7	8236.5
32.5°	10113.4	10213.6	10080.6	9933.0	9798.2	9739.9	9605.0	9364.5	9300.7	8890.7	8591.9
30°	10304.8	10297.5	10159.0	10046.0	9900.2	9860.1	9612.3	9408.2	9204.1	8825.1	8540.8
27.5°	9849.2	9803.6	9670.6	9572.2	9428.3	9380.9	9136.7	9027.4	8712.1	8391.4	8150.9
25°	8834.2	8857.9	8757.7	8708.5	8613.7	8511.7	8415.1	8267.5	8070.7	7790.1	7569.6
22.5°	8034.2	8065.2	8023.3	7965.0	7892.1	7835.6	7762.7	7647.9	7458.4	7285.3	7077.6
20°	7589.6	7580.5	7544.1	7500.3	7431.1	7391.0	7310.8	7214.2	7068.5	6919.0	6694.9
17.5°	7356.4	7299.9	7265.3	7248.9	7212.4	7161.4	7066.6	6968.2	6855.3	6685.8	6521.8
15°	7183.3	7192.4	7165.0	7152.3	7123.1	7052.1	6955.5	6875.3	6722.2	6636.6	6487.2
12.5°	7172.3	7163.2	7165.0	7159.6	7123.1	7032.0	6982.8	6880.8	6782.4	6669.4	6498.1
10°	7301.7	7205.1	7212.4	7237.9	7179.6	7106.7	7053.9	6942.7	6849.8	6705.8	6536.4
7.5°	7294.4	7245.2	7259.8	7217.9	7236.1	7146.8	7073.9	6962.8	6846.1	6693.1	6540.0
5°	7338.2	7263.4	7250.7	7254.3	7208.8	7141.3	7042.9	6937.3	6827.9	6656.6	6499.9
2.5°	7237.9	7248.9	7190.6	7168.7	7163.2	7050.2	6959.1	6857.1	6744.1	6592.9	6452.5
0°	7163.2	7183.3	7123.1	7092.1	7090.3	6993.7	6935.4	6818.8	6738.6	6612.9	6443.4
-2.5°	7123.1	7146.8	7154.1	7097.6	7042.9	6968.2	6869.8	6744.1	6612.9	6467.1	6321.3
-5°	7126.8	7079.4	7059.3	7077.6	7030.2	6955.5	6846.1	6735.0	6605.6	6448.9	6266.7
-7.5°	6982.8	6935.4	6931.8	6922.7	6911.7	6840.7	6749.6	6629.3	6498.1	6352.3	6182.9
-10°	6767.8	6733.2	6724.1	6714.9	6685.8	6643.9	6558.2	6448.9	6330.5	6184.7	6004.3
-12.5°	6529.1	6512.7	6478.1	6454.4	6425.2	6376.0	6294.0	6193.8	6075.3	5946.0	5791.1
-15°	6264.9	6233.9	6199.3	6179.2	6137.3	6079.0	5997.0	5904.1	5774.7	5647.1	5501.3
-17.5°	5946.0	5907.7	5869.4	5864.0	5834.8	5745.5	5669.0	5556.0	5443.0	5320.9	5178.8
-20°	5570.6	5517.7	5492.2	5477.6	5437.6	5372.0	5290.0	5186.1	5076.8	4960.1	4796.1



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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°	5155.1	5109.6	5065.8	5038.5	5003.9	4952.8	4874.5	4783.4	4675.9	4544.7	4393.4
-25°	4683.2	4619.4	4592.0	4561.1	4542.8	4495.5	4418.9	4335.1	4223.9	4096.4	3952.4
-27.5°	4143.8	4092.7	4078.2	4034.4	4012.6	3963.4	3899.6	3821.2	3719.2	3598.9	3480.5
-30°	3547.9	3516.9	3493.2	3449.5	3433.1	3380.3	3338.3	3272.7	3179.8	3094.2	2999.4
-32.5°	2935.6	2904.6	2897.4	2877.3	2866.4	2831.8	2784.4	2737.0	2662.3	2598.5	2522.0
-35°	2392.6	2370.7	2372.6	2370.7	2359.8	2334.3	2276.0	2263.2	2208.6	2150.2	2101.0
-37.5°	1958.9	1960.7	1958.9	1957.1	1942.5	1931.6	1889.7	1873.3	1840.5	1784.0	1754.8
-40°	1632.7	1636.4	1634.5	1630.9	1614.5	1609.0	1581.7	1559.8	1547.1	1507.0	1476.0
-42.5°	1368.5	1374.0	1372.1	1370.3	1359.4	1357.6	1343.0	1317.5	1310.2	1286.5	1253.7
-45°	1168.1	1166.2	1162.6	1166.2	1160.8	1155.3	1146.2	1129.8	1120.7	1109.7	1082.4
-47.5°	1009.5	1011.3	1007.7	1007.7	1000.4	994.9	991.3	980.4	973.1	964.0	947.6
-50°	878.3	885.6	883.8	882.0	876.5	872.9	872.9	861.9	851.0	847.3	836.4
-52.5°	776.3	781.7	783.6	787.2	789.0	790.9	785.4	774.5	756.2	754.4	748.9
-55°	683.3	699.7	710.7	718.0	725.3	730.7	719.8	705.2	687.0	679.7	677.9
-57.5°	619.6	636.0	648.7	659.7	668.8	677.9	666.9	652.4	636.0	626.8	625.0
-60°	561.2	575.8	588.6	603.2	615.9	630.5	625.0	614.1	605.0	597.7	590.4
-62.5°	499.3	513.9	528.4	546.7	563.1	577.6	579.5	577.6	575.8	577.6	564.9
-65°	448.3	455.6	464.7	484.7	502.9	519.3	528.4	533.9	543.0	552.1	539.4
-67.5°	393.6	402.7	413.6	428.2	442.8	453.7	466.5	481.1	495.6	510.2	501.1
-70°	344.4	351.7	360.8	368.1	377.2	384.5	395.4	411.8	428.2	442.8	439.2
-72.5°	293.4	300.7	306.1	309.8	315.2	318.9	324.4	338.9	349.9	357.2	357.2
-75°	242.4	249.6	255.1	256.9	260.6	262.4	266.0	271.5	277.0	278.8	280.6
-77.5°	185.9	193.2	198.6	202.3	205.9	209.6	211.4	215.0	216.8	216.8	218.7
-80°	138.5	144.0	147.6	153.1	154.9	158.5	162.2	164.0	165.8	165.8	167.6
-82.5°	98.4	102.0	105.7	109.3	113.0	114.8	118.4	120.3	122.1	123.9	125.7
-85°	65.6	69.2	72.9	76.5	78.4	80.2	82.0	83.8	85.6	87.5	89.3
-87.5°	38.3	40.1	41.9	45.6	47.4	51.0	52.8	51.0	52.8	52.8	52.8
-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):**

	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°	71.1	71.1	71.1	71.1	69.2	65.6	63.8	60.1	56.5	52.8	49.2
85°	147.6	149.4	149.4	149.4	145.8	144.0	138.5	133.0	125.7	114.8	105.7
82.5°	246.0	247.8	247.8	246.0	242.4	236.9	229.6	220.5	205.9	191.3	178.6
80°	369.9	371.7	371.7	369.9	360.8	351.7	342.6	331.6	313.4	293.4	271.5
77.5°	517.5	521.2	521.2	515.7	502.9	492.0	477.4	459.2	431.9	402.7	373.6
75°	688.8	697.9	699.7	694.3	677.9	657.8	634.1	603.2	561.2	524.8	490.2
72.5°	887.4	896.5	903.8	896.5	872.9	845.5	810.9	774.5	732.5	683.3	625.0
70°	1148.0	1157.1	1162.6	1138.9	1097.0	1051.4	1009.5	967.6	918.4	858.3	794.5
67.5°	1476.0	1466.9	1456.0	1408.6	1355.7	1301.1	1242.8	1180.8	1117.0	1053.3	978.5
65°	1791.3	1765.7	1742.1	1685.6	1618.1	1547.1	1479.7	1410.4	1333.9	1253.7	1182.6
62.5°	2122.9	2068.2	2009.9	1940.7	1871.4	1793.1	1725.7	1643.7	1558.0	1459.6	1368.5
60°	2449.1	2383.5	2325.2	2239.5	2148.4	2042.7	1969.8	1889.7	1789.4	1683.7	1576.2
57.5°	2764.3	2693.3	2629.5	2554.8	2456.4	2341.6	2261.4	2157.5	2051.8	1918.8	1809.5
55°	3099.6	3028.6	2977.5	2893.7	2786.2	2680.5	2593.0	2483.7	2336.1	2194.0	2059.1
52.5°	3484.1	3427.6	3373.0	3287.3	3157.9	3050.4	2953.8	2831.8	2676.9	2501.9	2339.8
50°	3914.2	3885.0	3826.7	3726.5	3578.9	3484.1	3356.6	3194.4	3028.6	2844.5	2642.2
47.5°	4484.5	4437.1	4355.1	4245.8	4121.9	3979.8	3808.5	3619.0	3383.9	3179.8	2964.8
45°	5166.0	5078.6	4972.9	4825.3	4672.2	4511.9	4324.2	4083.6	3768.4	3502.3	3276.4
42.5°	5904.1	5785.6	5641.6	5448.5	5249.9	5053.1	4850.8	4522.8	4129.2	3823.1	3567.9
40°	6674.9	6523.6	6343.2	6062.6	5842.1	5588.8	5357.4	4867.2	4448.1	4116.4	3844.9
37.5°	7429.3	7237.9	6935.4	6594.7	6337.7	6130.0	5621.6	5096.8	4721.4	4357.0	4081.8
35°	8006.9	7844.7	7310.8	6957.3	6736.8	6408.8	5772.8	5235.3	4838.0	4535.5	4107.3
32.5°	8349.5	7930.4	7462.1	7104.9	6922.7	6385.1	5783.8	5275.4	4892.7	4553.8	4041.7
30°	8273.0	7766.4	7356.4	7057.5	6662.1	6179.2	5681.7	5213.4	4841.7	4431.7	3968.8
27.5°	7811.9	7420.2	7053.9	6742.3	6354.1	5920.5	5461.2	5049.4	4703.2	4305.9	3868.6
25°	7290.8	6935.4	6663.9	6392.4	6024.3	5610.7	5206.1	4909.1	4561.1	4169.3	3737.4
22.5°	6811.5	6556.4	6343.2	6058.9	5700.0	5339.2	5087.7	4779.7	4422.6	4025.3	3602.6
20°	6505.4	6332.3	6088.1	5774.7	5492.2	5266.3	4987.5	4661.3	4293.2	3877.7	3487.8
17.5°	6357.8	6157.3	5885.8	5681.7	5464.9	5217.1	4905.5	4559.2	4167.5	3810.3	3500.5
15°	6281.3	6069.9	5891.3	5690.8	5446.7	5186.1	4839.9	4480.9	4167.5	3837.6	3509.6
12.5°	6297.7	6115.4	5920.5	5701.8	5439.4	5160.6	4847.2	4513.7	4189.3	3857.7	3511.5
10°	6348.7	6157.3	5949.6	5707.2	5443.0	5167.9	4867.2	4533.7	4200.3	3866.8	3507.8
7.5°	6366.9	6159.2	5936.9	5692.7	5433.9	5164.2	4870.8	4539.2	4202.1	3865.0	3496.9
5°	6310.4	6122.7	5907.7	5661.7	5408.4	5146.0	4856.3	4531.9	4187.5	3846.7	3469.5
2.5°	6233.9	6082.6	5876.7	5639.8	5382.9	5120.5	4832.6	4499.1	4154.7	3813.9	3434.9
0°	6221.1	6033.4	5825.7	5614.3	5341.0	5064.0	4777.9	4437.1	4094.6	3752.0	3374.8
-2.5°	6137.3	5938.7	5730.9	5501.3	5260.8	4982.0	4681.3	4347.9	4008.9	3671.8	3309.2
-5°	6073.5	5853.0	5632.5	5384.7	5142.4	4863.6	4551.9	4227.6	3895.9	3567.9	3218.1
-7.5°	5987.9	5761.9	5530.5	5271.7	5009.3	4725.1	4417.1	4092.7	3766.6	3440.4	3105.1
-10°	5814.8	5616.1	5399.3	5131.4	4854.4	4570.2	4264.0	3945.1	3619.0	3289.1	2952.0
-12.5°	5605.2	5395.6	5158.8	4912.8	4664.9	4400.7	4094.6	3781.1	3453.1	3121.5	2786.2
-15°	5333.7	5127.8	4885.4	4644.9	4406.2	4152.9	3883.2	3600.7	3267.3	2941.1	2605.8
-17.5°	4994.8	4801.6	4584.8	4355.1	4118.3	3863.1	3600.7	3362.0	3050.4	2744.3	2412.6
-20°	4630.3	4449.9	4254.9	4038.1	3801.2	3551.5	3303.7	3054.1	2784.4	2514.7	2206.7



REPORT NUMBER: P721975  
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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°	4251.3	4069.1	3872.3	3670.0	3451.3	3219.9	2990.3	2751.6	2514.7	2270.5	2009.9
-25°	3813.9	3653.6	3473.2	3276.4	3081.4	2879.1	2660.5	2443.6	2241.4	2030.0	1816.8
-27.5°	3356.6	3209.0	3045.0	2873.7	2706.0	2536.6	2347.0	2146.6	1979.0	1804.0	1627.3
-30°	2875.5	2757.0	2624.0	2474.6	2345.2	2208.6	2050.0	1884.2	1731.1	1598.1	1456.0
-32.5°	2419.9	2319.7	2225.0	2126.6	1999.0	1893.3	1784.0	1661.9	1527.0	1401.3	1299.3
-35°	2028.2	1920.6	1880.5	1807.7	1716.5	1623.6	1543.4	1456.0	1353.9	1242.8	1158.9
-37.5°	1698.3	1634.5	1578.1	1538.0	1477.8	1403.1	1339.3	1275.6	1197.2	1113.4	1029.6
-40°	1441.4	1397.7	1335.7	1315.7	1277.4	1226.4	1160.8	1111.6	1058.7	994.9	923.9
-42.5°	1235.5	1202.7	1162.6	1128.0	1111.6	1075.1	1024.1	976.7	934.8	891.1	836.4
-45°	1066.0	1044.1	1018.6	987.7	974.9	945.7	909.3	856.5	832.8	796.3	756.2
-47.5°	929.3	918.4	900.2	880.1	861.9	840.1	807.3	774.5	741.7	718.0	687.0
-50°	821.8	814.5	803.6	787.2	763.5	748.9	727.1	697.9	666.9	646.9	625.0
-52.5°	736.2	728.9	721.6	708.9	690.6	676.1	657.8	634.1	608.6	588.6	570.4
-55°	670.6	659.7	654.2	643.2	628.7	612.3	595.9	579.5	557.6	539.4	521.2
-57.5°	619.6	605.0	597.7	588.6	574.0	557.6	544.8	528.4	513.9	493.8	477.4
-60°	579.5	563.1	548.5	539.4	526.6	510.2	497.5	484.7	470.1	453.7	433.7
-62.5°	546.7	526.6	506.6	495.6	482.9	468.3	455.6	442.8	428.2	411.8	393.6
-65°	515.7	492.0	466.5	455.6	442.8	428.2	411.8	402.7	390.0	375.4	357.2
-67.5°	477.4	451.9	430.0	417.3	404.5	391.8	377.2	368.1	355.3	337.1	318.9
-70°	420.9	404.5	390.0	379.0	368.1	357.2	342.6	328.0	313.4	297.0	280.6
-72.5°	349.9	344.4	342.6	337.1	324.4	311.6	297.0	282.4	269.7	256.9	244.2
-75°	282.4	286.1	289.7	287.9	275.2	262.4	249.6	236.9	227.8	216.8	205.9
-77.5°	224.1	227.8	231.4	231.4	222.3	215.0	205.9	196.8	189.5	180.4	169.5
-80°	173.1	178.6	184.0	187.7	180.4	174.9	167.6	160.4	153.1	145.8	138.5
-82.5°	131.2	136.7	142.1	145.8	140.3	136.7	131.2	125.7	120.3	113.0	107.5
-85°	94.8	98.4	102.0	103.9	100.2	96.6	92.9	89.3	85.6	80.2	76.5
-87.5°	54.7	56.5	58.3	60.1	56.5	52.8	51.0	47.4	45.6	41.9	40.1
-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):**

	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°	45.6	41.9	38.3	36.4	32.8	27.3	23.7	20.0	16.4	12.8	10.9
85°	96.6	87.5	76.5	71.1	63.8	56.5	49.2	41.9	34.6	27.3	20.0
82.5°	165.8	154.9	144.0	131.2	114.8	94.8	74.7	62.0	51.0	40.1	31.0
80°	249.6	229.6	211.4	195.0	176.8	151.2	123.9	98.4	69.2	52.8	40.1
77.5°	346.2	322.5	297.0	269.7	240.5	205.9	174.9	142.1	107.5	72.9	51.0
75°	455.6	424.6	390.0	351.7	313.4	267.9	224.1	185.9	145.8	102.0	62.0
72.5°	577.6	539.4	497.5	446.4	386.3	333.5	280.6	229.6	182.2	129.4	83.8
70°	734.4	674.2	612.3	557.6	481.1	397.2	335.3	277.0	216.8	158.5	105.7
67.5°	902.0	829.1	754.4	674.2	577.6	479.2	390.0	324.4	253.3	185.9	125.7
65°	1084.2	993.1	898.4	809.1	676.1	559.4	459.2	369.9	287.9	211.4	145.8
62.5°	1271.9	1164.4	1055.1	938.5	785.4	641.4	524.8	420.9	320.7	235.1	164.0
60°	1472.4	1346.6	1213.6	1067.8	889.3	730.7	586.8	473.8	355.3	258.8	184.0
57.5°	1683.7	1547.1	1390.4	1193.6	996.8	816.4	657.8	521.2	386.3	280.6	198.6
55°	1913.3	1756.6	1585.3	1324.8	1102.5	902.0	728.9	568.5	419.1	298.8	213.2
52.5°	2161.2	1979.0	1762.1	1463.3	1213.6	989.5	794.5	610.4	450.1	318.9	226.0
50°	2438.2	2208.6	1917.0	1590.8	1310.2	1071.5	860.1	656.0	475.6	340.8	236.9
47.5°	2726.1	2478.2	2055.5	1709.3	1408.6	1151.7	927.5	696.1	501.1	359.0	247.8
45°	3026.7	2665.9	2199.4	1814.9	1494.2	1224.5	978.5	732.5	532.1	375.4	256.9
42.5°	3323.8	2808.1	2325.2	1920.6	1574.4	1290.1	1020.5	767.2	557.6	391.8	266.0
40°	3464.1	2915.6	2425.4	1993.5	1641.8	1348.5	1056.9	798.1	579.5	402.7	275.2
37.5°	3522.4	2981.2	2491.0	2062.8	1694.7	1379.4	1087.9	825.5	597.7	413.6	282.4
35°	3535.1	3004.9	2523.8	2110.2	1738.4	1408.6	1111.6	845.5	612.3	424.6	289.7
32.5°	3511.5	2997.6	2532.9	2126.6	1765.7	1430.5	1128.0	860.1	623.2	435.5	297.0
30°	3458.6	2959.3	2500.1	2124.7	1785.8	1443.2	1138.9	871.0	634.1	442.8	300.7
27.5°	3373.0	2891.9	2458.2	2126.6	1796.7	1448.7	1144.4	876.5	641.4	448.3	308.0
25°	3267.3	2800.8	2460.0	2122.9	1798.5	1450.5	1144.4	876.5	643.2	450.1	313.4
22.5°	3145.2	2800.8	2460.0	2117.4	1787.6	1446.9	1138.9	872.9	643.2	453.7	318.9
20°	3152.5	2802.6	2454.6	2106.5	1771.2	1435.9	1126.1	863.7	637.8	459.2	322.5
17.5°	3157.9	2799.0	2443.6	2091.9	1749.3	1417.7	1109.7	851.0	637.8	464.7	324.4
15°	3157.9	2788.0	2427.2	2070.1	1722.0	1392.2	1086.1	840.1	639.6	466.5	328.0
12.5°	3152.5	2768.0	2401.7	2040.9	1689.2	1361.2	1071.5	836.4	639.6	468.3	328.0
10°	3141.5	2740.6	2368.9	2004.5	1658.2	1350.3	1064.2	829.1	636.0	468.3	328.0
7.5°	3121.5	2707.8	2341.6	1982.6	1640.0	1337.5	1053.3	818.2	630.5	464.7	331.6
5°	3090.5	2689.6	2319.7	1957.1	1614.5	1328.4	1046.0	809.1	626.8	464.7	328.0
2.5°	3050.4	2667.8	2294.2	1924.3	1585.3	1297.4	1022.3	789.0	614.1	457.4	324.4
0°	2984.8	2624.0	2250.5	1878.7	1545.3	1266.5	998.6	769.0	601.3	450.1	320.7
-2.5°	2924.7	2565.7	2194.0	1831.3	1507.0	1239.1	980.4	758.1	595.9	448.3	318.9
-5°	2840.9	2485.5	2119.3	1769.4	1456.0	1211.8	962.1	745.3	590.4	444.6	318.9
-7.5°	2747.9	2401.7	2040.9	1705.6	1404.9	1164.4	927.5	725.3	577.6	437.3	317.1
-10°	2604.0	2276.0	1942.5	1632.7	1350.3	1122.5	898.4	707.0	566.7	430.0	309.8
-12.5°	2450.9	2137.5	1829.5	1543.4	1288.3	1078.8	865.6	687.0	554.0	422.8	306.1
-15°	2288.7	1995.4	1711.1	1450.5	1220.9	1025.9	830.9	665.1	541.2	413.6	300.7
-17.5°	2119.3	1845.9	1589.0	1355.7	1153.5	971.3	794.5	645.1	526.6	404.5	295.2
-20°	1940.7	1692.9	1465.1	1259.2	1082.4	916.6	756.2	621.4	510.2	393.6	287.9



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 CATALOG NUMBER: IFLD-M-SA4B-722-U-76

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1763.9	1541.6	1337.5	1164.4	1009.5	860.1	718.0	597.7	492.0	380.8	282.4
-25°	1607.2	1399.5	1224.5	1073.3	938.5	805.4	677.9	574.0	472.0	368.1	275.2
-27.5°	1454.1	1277.4	1113.4	987.7	869.2	752.6	639.6	548.5	451.9	353.5	267.9
-30°	1312.0	1160.8	1025.9	903.8	803.6	705.2	606.8	523.0	430.0	338.9	258.8
-32.5°	1182.6	1060.5	947.6	830.9	741.7	657.8	575.8	497.5	408.2	324.4	249.6
-35°	1062.4	967.6	869.2	770.8	679.7	614.1	543.0	470.1	388.1	308.0	240.5
-37.5°	954.9	878.3	800.0	716.1	637.8	572.2	512.0	442.8	368.1	293.4	231.4
-40°	861.9	800.0	730.7	663.3	597.7	535.7	481.1	415.5	348.0	282.4	222.3
-42.5°	776.3	728.9	672.4	615.9	557.6	502.9	450.1	386.3	328.0	269.7	213.2
-45°	710.7	663.3	617.7	566.7	517.5	470.1	417.3	360.8	309.8	255.1	204.1
-47.5°	648.7	606.8	564.9	523.0	482.9	439.2	386.3	338.9	289.7	242.4	196.8
-50°	594.0	554.0	517.5	481.1	446.4	404.5	355.3	317.1	273.3	229.6	187.7
-52.5°	543.0	508.4	472.0	442.8	413.6	371.7	331.6	295.2	256.9	215.0	178.6
-55°	497.5	464.7	431.9	404.5	377.2	340.8	308.0	277.0	240.5	204.1	169.5
-57.5°	453.7	426.4	395.4	369.9	342.6	313.4	286.1	256.9	224.1	193.2	160.4
-60°	413.6	388.1	360.8	335.3	311.6	287.9	262.4	238.7	209.6	180.4	151.2
-62.5°	373.6	351.7	328.0	302.5	284.3	262.4	242.4	218.7	195.0	169.5	134.8
-65°	337.1	317.1	295.2	273.3	256.9	240.5	222.3	200.4	180.4	156.7	120.3
-67.5°	300.7	282.4	264.2	246.0	231.4	218.7	200.4	184.0	167.6	142.1	105.7
-70°	266.0	251.5	235.1	220.5	209.6	195.0	182.2	167.6	153.1	123.9	89.3
-72.5°	233.2	218.7	205.9	195.0	185.9	173.1	162.2	151.2	131.2	103.9	74.7
-75°	195.0	185.9	178.6	169.5	160.4	151.2	142.1	129.4	109.3	83.8	58.3
-77.5°	160.4	154.9	149.4	142.1	134.8	127.6	116.6	103.9	87.5	65.6	47.4
-80°	131.2	125.7	122.1	114.8	109.3	102.0	91.1	80.2	63.8	51.0	38.3
-82.5°	100.2	96.6	92.9	89.3	83.8	76.5	65.6	56.5	47.4	38.3	29.2
-85°	71.1	69.2	65.6	62.0	56.5	51.0	43.7	38.3	32.8	25.5	20.0
-87.5°	36.4	34.6	32.8	31.0	29.2	25.5	21.9	18.2	16.4	12.8	9.1
-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):**

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	7.3	5.5	1.8	0.0
85°	14.6	9.1	3.6	0.0
82.5°	21.9	14.6	5.5	0.0
80°	29.2	18.2	9.1	0.0
77.5°	36.4	21.9	10.9	0.0
75°	43.7	27.3	12.8	0.0
72.5°	49.2	31.0	14.6	0.0
70°	58.3	36.4	16.4	0.0
67.5°	72.9	40.1	18.2	0.0
65°	85.6	43.7	20.0	0.0
62.5°	100.2	47.4	21.9	0.0
60°	113.0	51.0	23.7	0.0
57.5°	125.7	60.1	25.5	0.0
55°	136.7	67.4	27.3	0.0
52.5°	149.4	74.7	29.2	0.0
50°	160.4	82.0	31.0	0.0
47.5°	169.5	89.3	31.0	0.0
45°	176.8	94.8	32.8	0.0
42.5°	182.2	100.2	34.6	0.0
40°	187.7	105.7	36.4	0.0
37.5°	193.2	111.2	36.4	0.0
35°	198.6	116.6	38.3	0.0
32.5°	204.1	122.1	38.3	0.0
30°	207.7	125.7	40.1	0.0
27.5°	213.2	129.4	40.1	0.0
25°	215.0	133.0	41.9	0.0
22.5°	218.7	134.8	41.9	0.0
20°	222.3	138.5	41.9	0.0
17.5°	224.1	140.3	43.7	0.0
15°	224.1	142.1	45.6	0.0
12.5°	226.0	144.0	45.6	0.0
10°	226.0	147.6	43.7	0.0
7.5°	229.6	145.8	43.7	0.0
5°	227.8	145.8	43.7	0.0
2.5°	226.0	144.0	43.7	0.0
0°	224.1	144.0	43.7	0.0
-2.5°	224.1	144.0	43.7	0.0
-5°	224.1	144.0	43.7	0.0
-7.5°	222.3	145.8	43.7	0.0
-10°	218.7	145.8	43.7	0.0
-12.5°	216.8	140.3	43.7	0.0
-15°	215.0	138.5	43.7	0.0
-17.5°	211.4	136.7	41.9	0.0
-20°	207.7	134.8	41.9	0.0



REPORT NUMBER: P721975  
 CATALOG NUMBER: IFLD-M-SA4B-722-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
-22.5°	204.1	131.2	41.9	0.0
-25°	200.4	127.6	40.1	0.0
-27.5°	196.8	123.9	40.1	0.0
-30°	191.3	120.3	38.3	0.0
-32.5°	185.9	116.6	38.3	0.0
-35°	182.2	111.2	36.4	0.0
-37.5°	176.8	105.7	36.4	0.0
-40°	171.3	100.2	34.6	0.0
-42.5°	165.8	94.8	32.8	0.0
-45°	158.5	89.3	32.8	0.0
-47.5°	153.1	83.8	31.0	0.0
-50°	144.0	76.5	29.2	0.0
-52.5°	133.0	69.2	27.3	0.0
-55°	122.1	63.8	25.5	0.0
-57.5°	111.2	56.5	25.5	0.0
-60°	100.2	49.2	23.7	0.0
-62.5°	89.3	45.6	21.9	0.0
-65°	78.4	41.9	20.0	0.0
-67.5°	65.6	36.4	18.2	0.0
-70°	54.7	32.8	16.4	0.0
-72.5°	47.4	29.2	14.6	0.0
-75°	40.1	25.5	12.8	0.0
-77.5°	34.6	21.9	10.9	0.0
-80°	27.3	16.4	7.3	0.0
-82.5°	20.0	12.8	5.5	0.0
-85°	12.8	9.1	3.6	0.0
-87.5°	7.3	3.6	1.8	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)