

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: P722064

Luminaire Tested: **IFLD-M-SA4D-735-U-76**

Issue Date: 10/26/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P722064  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 10/26/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-M-SA4D-735-U-76  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens  
Light Source: (64) 3500K CCT, 70 CRI LEDs  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

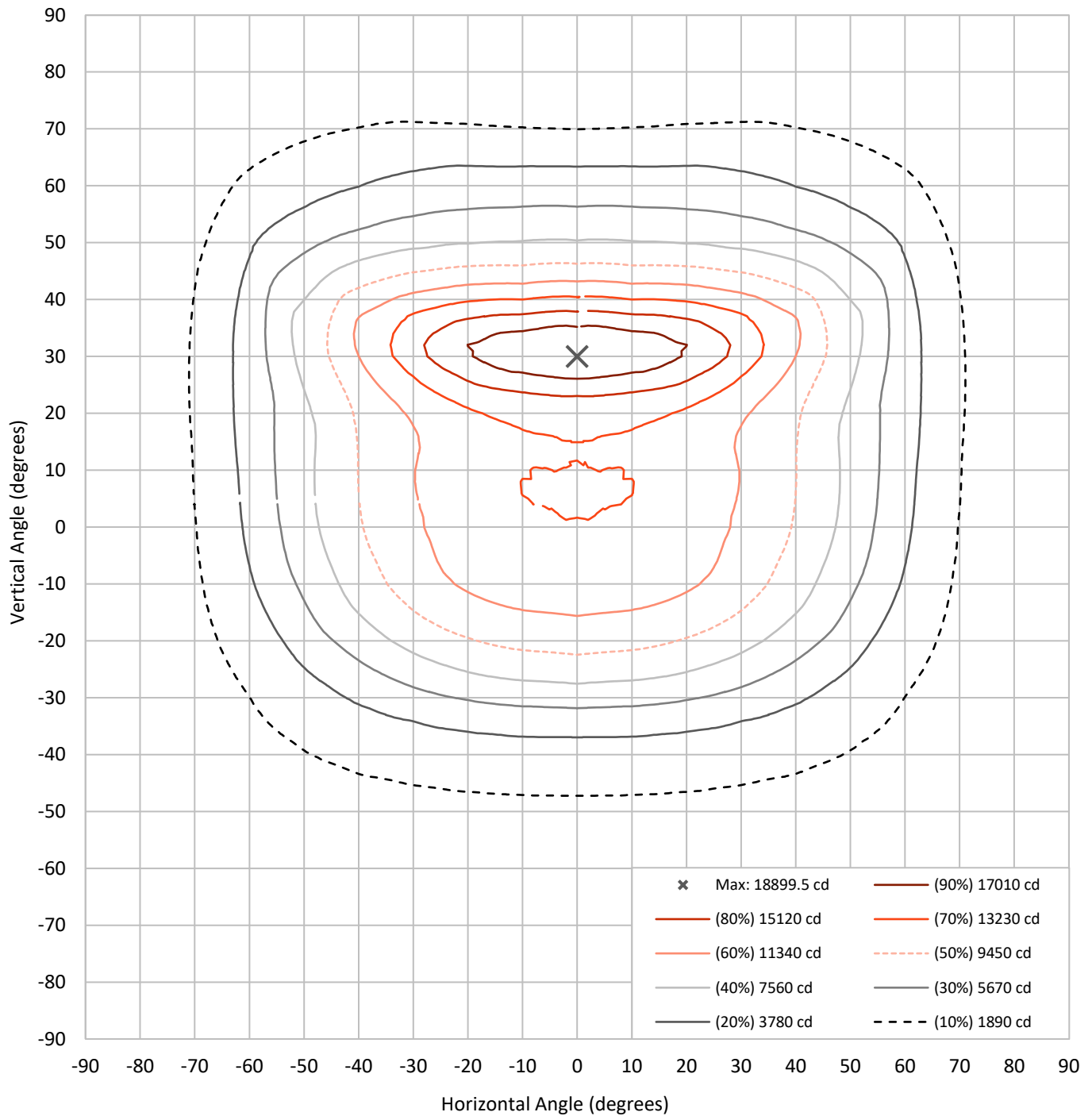
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	31548 lumens	Max Intensity:	18899.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	126.3 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 0.5' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	18345.6 lumens	Field Lumens:	29564.6 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 249.7  
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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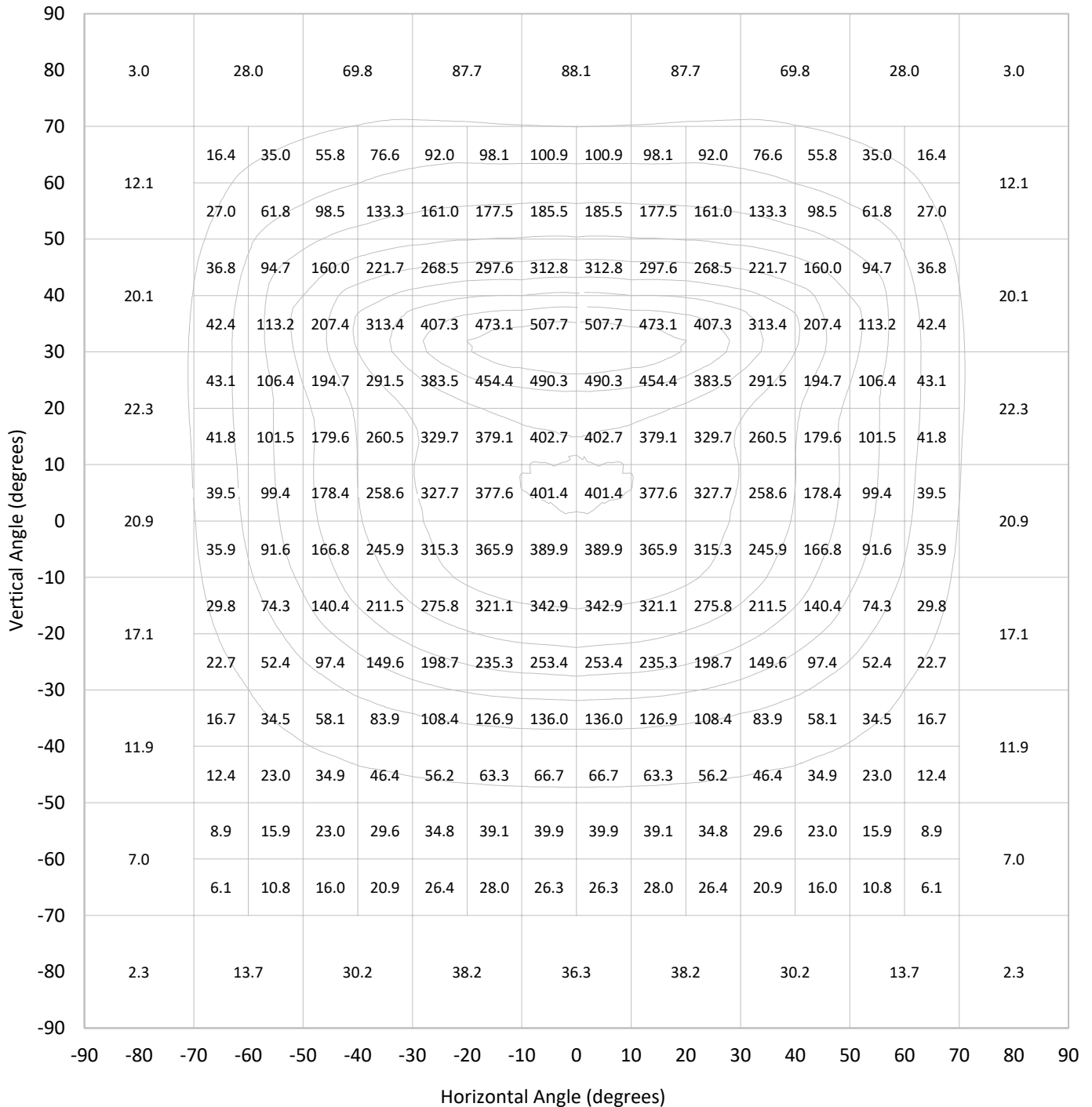
### Iso-Candela Plot





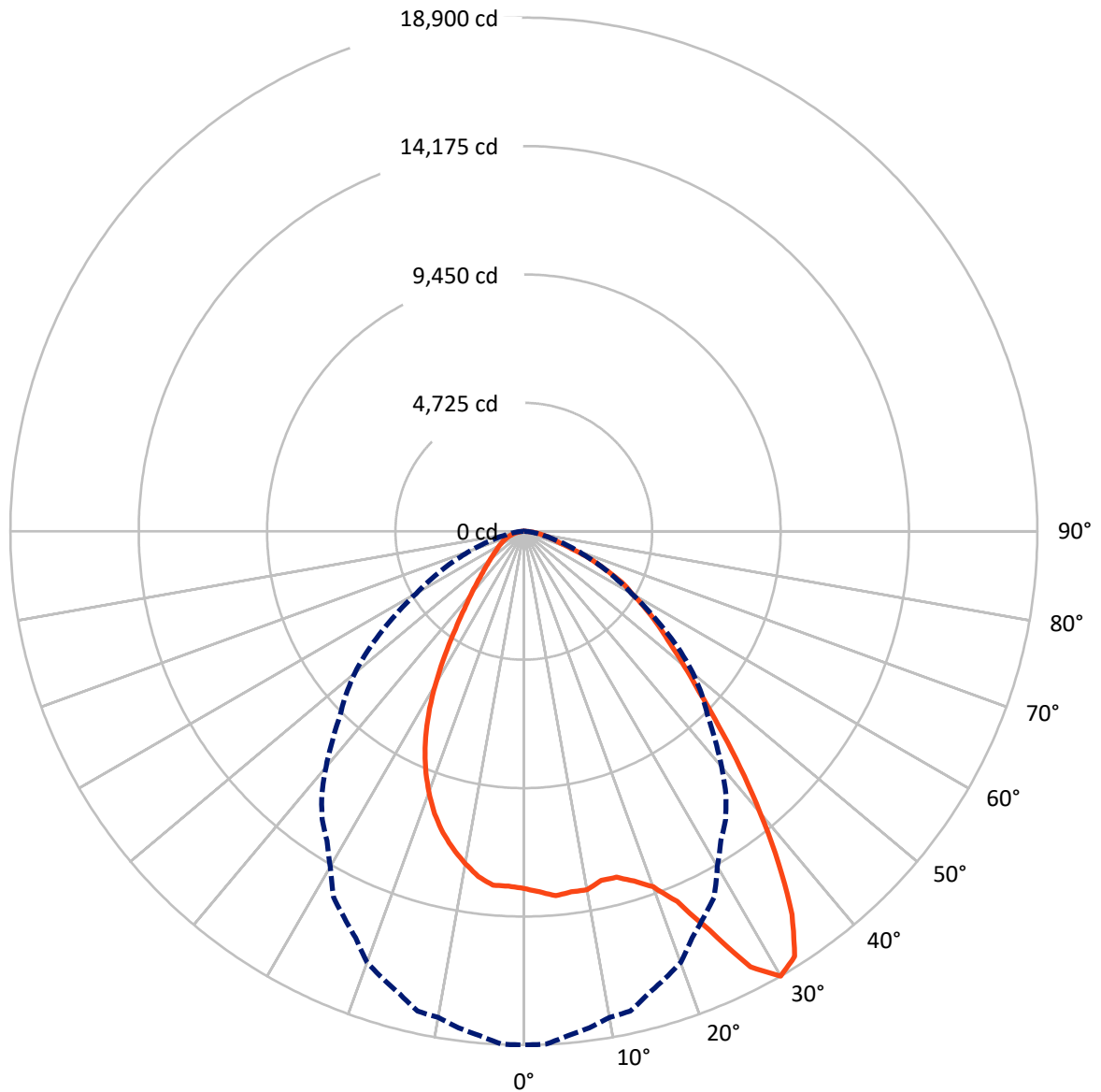
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### Lumen Table



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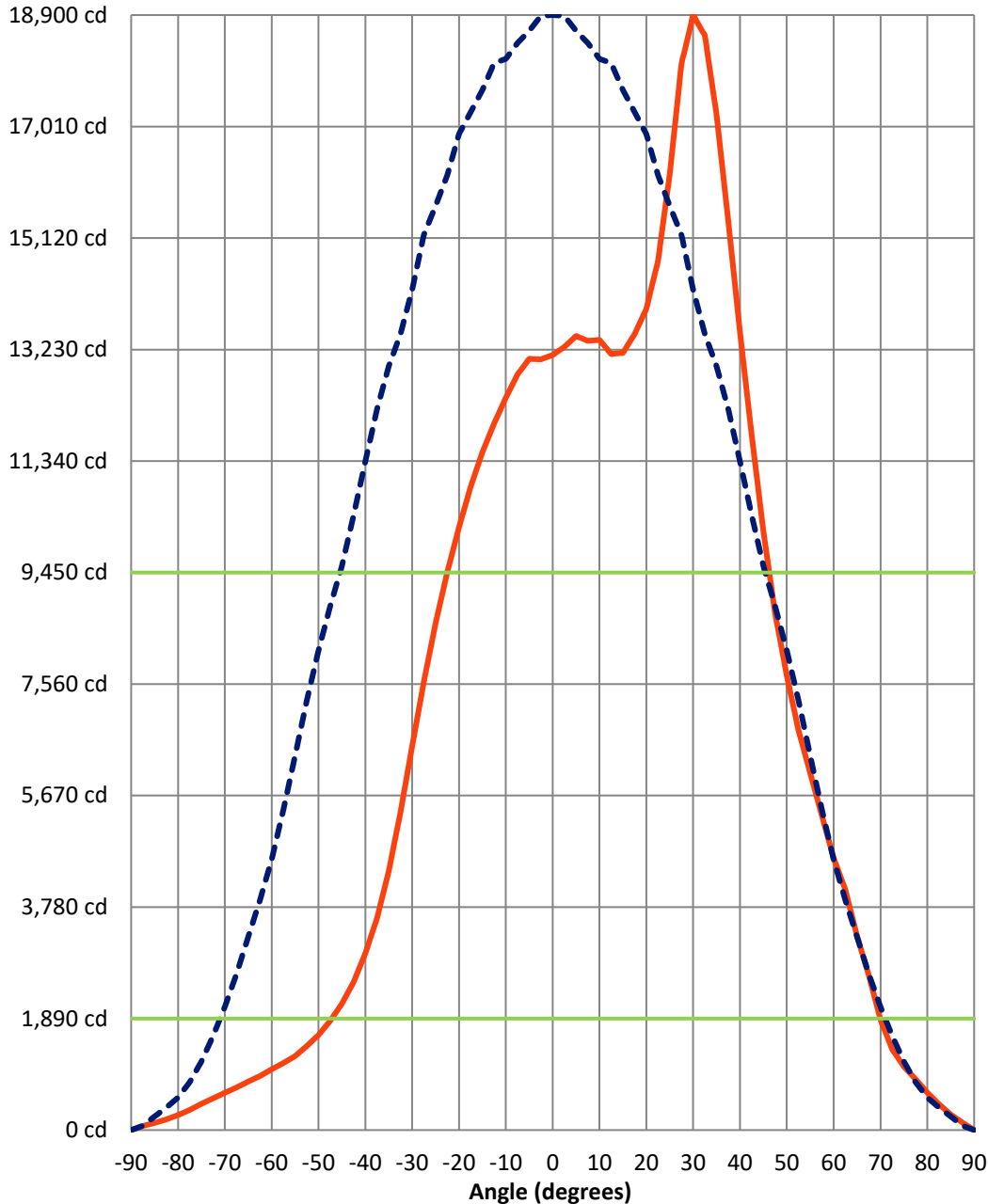
### Luminous Intensity Polar Plot



— 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: 18345.6  
 Efficiency: 58.2%

**Field:**  
 H Angle: 142°  
 V Angle: 117.1°  
 Lumens: 29564.6  
 Efficiency: 93.7%

**Spill:**  
 Lumens: 1983.4  
 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°	127.0	130.3	133.7	133.7	130.3	130.3	130.3	127.0	130.3	130.3	130.3
85°	264.0	270.7	277.4	274.1	270.7	264.0	257.3	260.7	264.0	267.4	267.4
82.5°	437.8	447.8	454.5	451.2	444.5	437.8	431.1	434.5	441.2	444.5	444.5
80°	635.0	638.3	641.7	648.4	638.3	638.3	635.0	648.4	655.0	661.7	668.4
77.5°	862.3	865.6	865.6	868.9	872.3	875.6	875.6	899.0	915.7	925.8	935.8
75°	1076.2	1086.2	1096.2	1106.2	1119.6	1126.3	1136.3	1169.7	1196.5	1216.5	1236.6
72.5°	1370.3	1383.6	1400.3	1423.7	1447.1	1463.8	1487.2	1527.3	1557.4	1577.5	1600.9
70°	1874.9	1888.3	1905.0	1921.7	1945.1	1961.8	1985.2	2035.3	2065.4	2078.8	2092.1
67.5°	2623.5	2657.0	2687.0	2653.6	2636.9	2613.5	2620.2	2667.0	2697.1	2717.1	2713.8
65°	3288.6	3312.0	3312.0	3308.7	3295.3	3265.2	3281.9	3338.7	3372.2	3388.9	3338.7
62.5°	4070.7	4070.7	4054.0	4080.7	4084.0	4064.0	4054.0	4057.3	4060.6	4070.7	3987.1
60°	4612.1	4645.5	4655.5	4678.9	4685.6	4685.6	4702.3	4715.7	4715.7	4695.6	4598.7
57.5°	5327.3	5390.8	5404.2	5387.4	5354.0	5310.6	5303.9	5283.8	5243.7	5203.6	5156.8
55°	6049.2	6082.6	6079.3	6069.2	6035.8	5985.7	5992.4	5965.6	5902.1	5852.0	5788.5
52.5°	6774.4	6854.6	6868.0	6847.9	6801.2	6747.7	6751.0	6720.9	6657.4	6604.0	6517.1
50°	7700.2	7767.0	7760.3	7726.9	7660.1	7620.0	7623.3	7566.5	7493.0	7476.3	7362.6
47.5°	8759.6	8836.5	8823.1	8776.3	8686.1	8669.4	8686.1	8612.6	8569.1	8532.4	8398.7
45°	10149.9	10240.2	10190.0	10099.8	9956.1	9972.8	9996.2	9982.8	9889.2	9792.3	9621.9
42.5°	11780.9	11837.7	11777.5	11687.3	11506.8	11540.2	11526.9	11446.7	11389.8	11229.4	11012.2
40°	13525.4	13649.1	13555.5	13415.1	13228.0	13278.1	13241.4	13137.8	13004.1	12803.5	12529.5
37.5°	15407.0	15504.0	15397.0	15233.2	15066.1	15049.4	14975.9	14815.5	14625.0	14404.4	13966.6
35°	17208.4	17459.1	17261.9	17001.2	16797.3	16720.5	16650.3	16279.3	16062.1	15704.5	15106.2
32.5°	18548.6	18732.4	18488.4	18217.7	17970.4	17863.5	17616.2	17175.0	17058.0	16306.1	15758.0
30°	18899.5	18886.1	18632.1	18424.9	18157.6	18084.0	17629.5	17255.2	16880.9	16185.7	15664.4
27.5°	18064.0	17980.4	17736.5	17556.0	17292.0	17205.1	16757.2	16556.7	15978.5	15390.3	14949.2
25°	16202.5	16245.9	16062.1	15971.8	15798.1	15610.9	15433.8	15163.1	14802.1	14287.4	13883.0
22.5°	14735.3	14792.1	14715.2	14608.3	14474.6	14371.0	14237.3	14026.8	13679.2	13361.7	12980.7
20°	13919.8	13903.1	13836.3	13756.0	13629.0	13555.5	13408.5	13231.3	12964.0	12689.9	12278.8
17.5°	13492.0	13388.4	13324.9	13294.8	13228.0	13134.4	12960.6	12780.2	12572.9	12262.1	11961.3
15°	13174.5	13191.2	13141.1	13117.7	13064.2	12933.9	12756.8	12609.7	12329.0	12171.9	11897.8
12.5°	13154.5	13137.8	13141.1	13131.1	13064.2	12897.1	12806.9	12619.7	12439.3	12232.0	11917.9
10°	13391.8	13214.6	13228.0	13274.8	13167.8	13034.1	12937.2	12733.4	12562.9	12298.9	11988.1
7.5°	13378.4	13288.1	13314.9	13238.0	13271.4	13107.7	12974.0	12770.1	12556.2	12275.5	11994.8
5°	13458.6	13321.6	13298.2	13304.9	13221.3	13097.6	12917.2	12723.3	12522.8	12208.7	11921.2
2.5°	13274.8	13294.8	13187.9	13147.8	13137.8	12930.5	12763.4	12576.3	12369.1	12091.7	11834.3
0°	13137.8	13174.5	13064.2	13007.4	13004.1	12826.9	12720.0	12506.1	12359.0	12128.4	11817.6
-2.5°	13064.2	13107.7	13121.0	13017.4	12917.2	12780.2	12599.7	12369.1	12128.4	11861.1	11593.7
-5°	13070.9	12984.0	12947.3	12980.7	12893.8	12756.8	12556.2	12352.4	12115.1	11827.7	11493.4
-7.5°	12806.9	12720.0	12713.3	12696.6	12676.5	12546.2	12379.1	12158.5	11917.9	11650.5	11339.7
-10°	12412.5	12349.0	12332.3	12315.6	12262.1	12185.3	12028.2	11827.7	11610.4	11343.1	11012.2
-12.5°	11974.7	11944.6	11881.1	11837.7	11784.2	11694.0	11543.6	11359.8	11142.5	10905.2	10621.2
-15°	11490.1	11433.3	11369.8	11333.0	11256.2	11149.2	10998.8	10828.4	10591.1	10357.1	10089.8
-17.5°	10905.2	10835.1	10764.9	10754.8	10701.4	10537.6	10397.2	10190.0	9982.8	9758.9	9498.2
-20°	10216.8	10119.8	10073.1	10046.3	9972.8	9852.5	9702.1	9511.6	9311.1	9097.2	8796.4



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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°	9454.8	9371.2	9291.0	9240.9	9177.4	9083.8	8940.1	8773.0	8575.8	8335.2	8057.8
-25°	8589.2	8472.2	8422.1	8365.3	8331.8	8244.9	8104.6	7950.8	7747.0	7513.0	7249.0
-27.5°	7599.9	7506.3	7479.6	7399.4	7359.3	7269.0	7152.1	7008.4	6821.2	6600.6	6383.4
-30°	6507.0	6450.2	6406.8	6326.6	6296.5	6199.6	6122.7	6002.4	5831.9	5674.9	5501.1
-32.5°	5384.1	5327.3	5313.9	5277.2	5257.1	5193.6	5106.7	5019.8	4882.8	4765.8	4625.5
-35°	4388.2	4348.1	4351.4	4348.1	4328.0	4281.2	4174.3	4150.9	4050.6	3943.7	3853.4
-37.5°	3592.7	3596.1	3592.7	3589.4	3562.7	3542.6	3465.7	3435.7	3375.5	3271.9	3218.4
-40°	2994.5	3001.2	2997.9	2991.2	2961.1	2951.1	2900.9	2860.8	2837.4	2763.9	2707.1
-42.5°	2509.9	2519.9	2516.6	2513.3	2493.2	2489.9	2463.1	2416.3	2403.0	2359.5	2299.4
-45°	2142.3	2138.9	2132.3	2138.9	2128.9	2118.9	2102.2	2072.1	2055.4	2035.3	1985.2
-47.5°	1851.5	1854.9	1848.2	1848.2	1834.8	1824.8	1818.1	1798.0	1784.7	1768.0	1737.9
-50°	1610.9	1624.3	1620.9	1617.6	1607.5	1600.9	1600.9	1580.8	1560.8	1554.1	1534.0
-52.5°	1423.7	1433.8	1437.1	1443.8	1447.1	1450.5	1440.4	1420.4	1387.0	1383.6	1373.6
-55°	1253.3	1283.4	1303.4	1316.8	1330.2	1340.2	1320.1	1293.4	1260.0	1246.6	1243.3
-57.5°	1136.3	1166.4	1189.8	1209.8	1226.5	1243.3	1223.2	1196.5	1166.4	1149.7	1146.3
-60°	1029.4	1056.1	1079.5	1106.2	1129.6	1156.4	1146.3	1126.3	1109.6	1096.2	1082.8
-62.5°	915.7	942.5	969.2	1002.6	1032.7	1059.4	1062.8	1059.4	1056.1	1059.4	1036.0
-65°	822.2	835.5	852.2	889.0	922.4	952.5	969.2	979.2	995.9	1012.7	989.3
-67.5°	721.9	738.6	758.7	785.4	812.1	832.2	855.6	882.3	909.0	935.8	919.1
-70°	631.7	645.0	661.7	675.1	691.8	705.2	725.2	755.3	785.4	812.1	805.4
-72.5°	538.1	551.4	561.5	568.2	578.2	584.9	594.9	621.6	641.7	655.0	655.0
-75°	444.5	457.9	467.9	471.2	477.9	481.3	487.9	498.0	508.0	511.3	514.7
-77.5°	340.9	354.3	364.3	371.0	377.7	384.3	387.7	394.4	397.7	397.7	401.1
-80°	254.0	264.0	270.7	280.7	284.1	290.8	297.4	300.8	304.1	304.1	307.5
-82.5°	180.5	187.2	193.8	200.5	207.2	210.6	217.2	220.6	223.9	227.3	230.6
-85°	120.3	127.0	133.7	140.4	143.7	147.1	150.4	153.7	157.1	160.4	163.8
-87.5°	70.2	73.5	76.9	83.6	86.9	93.6	96.9	93.6	96.9	96.9	96.9
-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):**

	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°	130.3	130.3	130.3	130.3	127.0	120.3	117.0	110.3	103.6	96.9	90.2
85°	270.7	274.1	274.1	274.1	267.4	264.0	254.0	244.0	230.6	210.6	193.8
82.5°	451.2	454.5	454.5	451.2	444.5	434.5	421.1	404.4	377.7	350.9	327.5
80°	678.4	681.8	681.8	678.4	661.7	645.0	628.3	608.3	574.8	538.1	498.0
77.5°	949.2	955.8	955.8	945.8	922.4	902.4	875.6	842.2	792.1	738.6	685.1
75°	1263.3	1280.0	1283.4	1273.3	1243.3	1206.5	1163.0	1106.2	1029.4	962.5	899.0
72.5°	1627.6	1644.3	1657.7	1644.3	1600.9	1550.7	1487.2	1420.4	1343.5	1253.3	1146.3
70°	2105.5	2122.2	2132.3	2088.8	2011.9	1928.4	1851.5	1774.6	1684.4	1574.1	1457.2
67.5°	2707.1	2690.4	2670.3	2583.4	2486.5	2386.3	2279.3	2165.7	2048.7	1931.7	1794.7
65°	3285.3	3238.5	3195.0	3091.4	2967.8	2837.4	2713.8	2586.8	2446.4	2299.4	2169.0
62.5°	3893.5	3793.3	3686.3	3559.3	3432.3	3288.6	3165.0	3014.6	2857.5	2677.0	2509.9
60°	4491.8	4371.5	4264.5	4107.4	3940.3	3746.5	3612.8	3465.7	3281.9	3088.1	2890.9
57.5°	5070.0	4939.6	4822.6	4685.6	4505.1	4294.6	4147.5	3957.0	3763.2	3519.2	3318.7
55°	5684.9	5554.6	5461.0	5307.2	5110.1	4916.2	4755.8	4555.3	4284.6	4023.9	3776.6
52.5°	6390.1	6286.5	6186.2	6029.1	5791.8	5594.7	5417.5	5193.6	4909.5	4588.7	4291.2
50°	7178.8	7125.3	7018.4	6834.6	6563.9	6390.1	6156.1	5858.7	5554.6	5217.0	4846.0
47.5°	8224.9	8138.0	7987.6	7787.1	7559.8	7299.1	6985.0	6637.4	6206.3	5831.9	5437.6
45°	9474.8	9314.4	9120.6	8849.9	8569.1	8275.0	7930.8	7489.6	6911.4	6423.5	6009.1
42.5°	10828.4	10611.1	10347.1	9992.8	9628.6	9267.6	8896.6	8295.1	7573.2	7011.7	6543.8
40°	12242.1	11964.7	11633.8	11119.1	10714.7	10250.2	9825.7	8926.7	8158.0	7549.8	7051.8
37.5°	13625.7	13274.8	12720.0	12095.0	11623.8	11242.8	10310.3	9347.8	8659.4	7990.9	7486.3
35°	14685.1	14387.7	13408.5	12760.1	12355.7	11754.1	10587.7	9601.8	8873.2	8318.5	7533.1
32.5°	15313.5	14544.8	13685.9	13030.8	12696.6	11710.7	10607.8	9675.3	8973.5	8351.9	7412.8
30°	15173.1	14244.0	13492.0	12943.9	12218.7	11333.0	10420.6	9561.7	8879.9	8128.0	7279.1
27.5°	14327.5	13609.0	12937.2	12365.7	11653.9	10858.4	10016.2	9260.9	8625.9	7897.4	7095.3
25°	13371.7	12720.0	12222.0	11724.1	11048.9	10290.3	9548.4	9003.6	8365.3	7646.7	6854.6
22.5°	12492.7	12024.8	11633.8	11112.4	10454.1	9792.3	9331.1	8766.3	8111.3	7382.7	6607.3
20°	11931.3	11613.8	11165.9	10591.1	10073.1	9658.6	9147.3	8549.1	7874.0	7112.0	6396.8
17.5°	11660.6	11292.9	10794.9	10420.6	10022.9	9568.4	8996.9	8361.9	7643.4	6988.3	6420.2
15°	11520.2	11132.5	10805.0	10437.3	9989.5	9511.6	8876.6	8218.2	7643.4	7038.4	6436.9
12.5°	11550.3	11216.1	10858.4	10457.4	9976.1	9464.8	8890.0	8278.4	7683.5	7075.2	6440.2
10°	11643.8	11292.9	10911.9	10467.4	9982.8	9478.2	8926.7	8315.1	7703.5	7091.9	6433.5
7.5°	11677.3	11296.3	10888.5	10440.7	9966.1	9471.5	8933.4	8325.1	7706.9	7088.6	6413.5
5°	11573.7	11229.4	10835.1	10383.9	9919.3	9438.1	8906.7	8311.8	7680.1	7055.2	6363.3
2.5°	11433.3	11155.9	10778.2	10343.8	9872.5	9391.3	8863.2	8251.6	7620.0	6995.0	6299.8
0°	11409.9	11065.7	10684.7	10297.0	9795.7	9287.7	8763.0	8138.0	7509.7	6881.4	6189.6
-2.5°	11256.2	10891.9	10510.9	10089.8	9648.6	9137.3	8585.8	7974.2	7352.6	6734.3	6069.2
-5°	11139.2	10734.8	10330.4	9875.9	9431.4	8920.0	8348.5	7753.6	7145.4	6543.8	5902.1
-7.5°	10982.1	10567.7	10143.2	9668.7	9187.4	8666.0	8101.2	7506.3	6908.1	6309.9	5694.9
-10°	10664.6	10300.3	9902.6	9411.3	8903.3	8382.0	7820.5	7235.6	6637.4	6032.5	5414.2
-12.5°	10280.3	9895.9	9461.5	9010.3	8555.7	8071.1	7509.7	6934.8	6333.3	5725.0	5110.1
-15°	9782.3	9404.6	8960.1	8519.0	8081.2	7616.6	7122.0	6604.0	5992.4	5394.1	4779.2
-17.5°	9160.7	8806.4	8408.7	7987.6	7553.1	7085.2	6604.0	6166.2	5594.7	5033.2	4424.9
-20°	8492.2	8161.4	7803.8	7406.1	6971.6	6513.7	6059.2	5601.3	5106.7	4612.1	4047.3



REPORT NUMBER: P722064  
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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°	7797.1	7462.9	7101.9	6731.0	6329.9	5905.5	5484.4	5046.6	4612.1	4164.2	3686.3
-25°	6995.0	6700.9	6370.0	6009.1	5651.5	5280.5	4879.5	4481.7	4110.8	3723.1	3332.1
-27.5°	6156.1	5885.4	5584.6	5270.5	4963.0	4652.2	4304.6	3937.0	3629.5	3308.7	2984.5
-30°	5273.8	5056.6	4812.6	4538.6	4301.3	4050.6	3759.9	3455.7	3175.0	2931.0	2670.3
-32.5°	4438.3	4254.5	4080.7	3900.2	3666.3	3472.4	3271.9	3048.0	2800.7	2570.1	2382.9
-35°	3719.7	3522.6	3449.0	3315.4	3148.2	2977.8	2830.7	2670.3	2483.2	2279.3	2125.6
-37.5°	3114.8	2997.9	2894.2	2820.7	2710.4	2573.4	2456.4	2339.5	2195.8	2042.0	1888.3
-40°	2643.6	2563.4	2449.8	2413.0	2342.8	2249.2	2128.9	2038.7	1941.8	1824.8	1694.4
-42.5°	2265.9	2205.8	2132.3	2068.8	2038.7	1971.8	1878.3	1791.4	1714.5	1634.3	1534.0
-45°	1955.1	1915.0	1868.2	1811.4	1788.0	1734.5	1667.7	1570.8	1527.3	1460.5	1387.0
-47.5°	1704.5	1684.4	1651.0	1614.2	1580.8	1540.7	1480.5	1420.4	1360.2	1316.8	1260.0
-50°	1507.3	1493.9	1473.9	1443.8	1400.3	1373.6	1333.5	1280.0	1223.2	1186.4	1146.3
-52.5°	1350.2	1336.8	1323.5	1300.1	1266.7	1239.9	1206.5	1163.0	1116.3	1079.5	1046.1
-55°	1229.9	1209.8	1199.8	1179.8	1153.0	1122.9	1092.9	1062.8	1022.7	989.3	955.8
-57.5°	1136.3	1109.6	1096.2	1079.5	1052.8	1022.7	999.3	969.2	942.5	905.7	875.6
-60°	1062.8	1032.7	1006.0	989.3	965.9	935.8	912.4	889.0	862.3	832.2	795.4
-62.5°	1002.6	965.9	929.1	909.0	885.7	858.9	835.5	812.1	785.4	755.3	721.9
-65°	945.8	902.4	855.6	835.5	812.1	785.4	755.3	738.6	715.2	688.5	655.0
-67.5°	875.6	828.8	788.7	765.3	741.9	718.5	691.8	675.1	651.7	618.3	584.9
-70°	772.0	741.9	715.2	695.2	675.1	655.0	628.3	601.6	574.8	544.8	514.7
-72.5°	641.7	631.7	628.3	618.3	594.9	571.5	544.8	518.0	494.6	471.2	447.8
-75°	518.0	524.7	531.4	528.1	504.7	481.3	457.9	434.5	417.8	397.7	377.7
-77.5°	411.1	417.8	424.4	424.4	407.7	394.4	377.7	360.9	347.6	330.9	310.8
-80°	317.5	327.5	337.6	344.2	330.9	320.8	307.5	294.1	280.7	267.4	254.0
-82.5°	240.6	250.7	260.7	267.4	257.3	250.7	240.6	230.6	220.6	207.2	197.2
-85°	173.8	180.5	187.2	190.5	183.8	177.1	170.4	163.8	157.1	147.1	140.4
-87.5°	100.3	103.6	106.9	110.3	103.6	96.9	93.6	86.9	83.6	76.9	73.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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 CATALOG NUMBER: IFLD-M-SA4D-735-U-76

**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°	83.6	76.9	70.2	66.8	60.2	50.1	43.4	36.8	30.1	23.4	20.1
85°	177.1	160.4	140.4	130.3	117.0	103.6	90.2	76.9	63.5	50.1	36.8
82.5°	304.1	284.1	264.0	240.6	210.6	173.8	137.0	113.6	93.6	73.5	56.8
80°	457.9	421.1	387.7	357.6	324.2	277.4	227.3	180.5	127.0	96.9	73.5
77.5°	635.0	591.5	544.8	494.6	441.2	377.7	320.8	260.7	197.2	133.7	93.6
75°	835.5	778.7	715.2	645.0	574.8	491.3	411.1	340.9	267.4	187.2	113.6
72.5°	1059.4	989.3	912.4	818.8	708.5	611.6	514.7	421.1	334.2	237.3	153.7
70°	1346.9	1236.6	1122.9	1022.7	882.3	728.6	614.9	508.0	397.7	290.8	193.8
67.5°	1654.3	1520.7	1383.6	1236.6	1059.4	879.0	715.2	594.9	464.6	340.9	230.6
65°	1988.5	1821.4	1647.7	1483.9	1239.9	1026.0	842.2	678.4	528.1	387.7	267.4
62.5°	2332.8	2135.6	1935.1	1721.2	1440.4	1176.4	962.5	772.0	588.2	431.1	300.8
60°	2700.4	2469.8	2225.8	1958.5	1630.9	1340.2	1076.2	868.9	651.7	474.6	337.6
57.5°	3088.1	2837.4	2550.0	2189.1	1828.1	1497.3	1206.5	955.8	708.5	514.7	364.3
55°	3509.2	3221.8	2907.6	2429.7	2022.0	1654.3	1336.8	1042.7	768.7	548.1	391.0
52.5°	3963.7	3629.5	3231.8	2683.7	2225.8	1814.8	1457.2	1119.6	825.5	584.9	414.4
50°	4471.7	4050.6	3515.9	2917.6	2403.0	1965.1	1577.5	1203.2	872.3	625.0	434.5
47.5°	4999.8	4545.2	3769.9	3134.9	2583.4	2112.2	1701.1	1276.7	919.1	658.4	454.5
45°	5551.2	4889.5	4033.9	3328.7	2740.5	2245.9	1794.7	1343.5	975.9	688.5	471.2
42.5°	6096.0	5150.2	4264.5	3522.6	2887.6	2366.2	1871.6	1407.0	1022.7	718.5	487.9
40°	6353.3	5347.3	4448.3	3656.2	3011.2	2473.1	1938.4	1463.8	1062.8	738.6	504.7
37.5°	6460.3	5467.7	4568.6	3783.2	3108.1	2530.0	1995.2	1514.0	1096.2	758.7	518.0
35°	6483.7	5511.1	4628.8	3870.1	3188.4	2583.4	2038.7	1550.7	1122.9	778.7	531.4
32.5°	6440.2	5497.7	4645.5	3900.2	3238.5	2623.5	2068.8	1577.5	1143.0	798.8	544.8
30°	6343.3	5427.6	4585.3	3896.9	3275.2	2646.9	2088.8	1597.5	1163.0	812.1	551.4
27.5°	6186.2	5303.9	4508.5	3900.2	3295.3	2657.0	2098.8	1607.5	1176.4	822.2	564.8
25°	5992.4	5136.8	4511.8	3893.5	3298.6	2660.3	2098.8	1607.5	1179.8	825.5	574.8
22.5°	5768.4	5136.8	4511.8	3883.5	3278.6	2653.6	2088.8	1600.9	1179.8	832.2	584.9
20°	5781.8	5140.1	4501.8	3863.5	3248.5	2633.6	2065.4	1584.2	1169.7	842.2	591.5
17.5°	5791.8	5133.4	4481.7	3836.7	3208.4	2600.1	2035.3	1560.8	1169.7	852.2	594.9
15°	5791.8	5113.4	4451.7	3796.6	3158.3	2553.4	1991.9	1540.7	1173.1	855.6	601.6
12.5°	5781.8	5076.6	4404.9	3743.1	3098.1	2496.5	1965.1	1534.0	1173.1	858.9	601.6
10°	5761.8	5026.5	4344.7	3676.3	3041.3	2476.5	1951.8	1520.7	1166.4	858.9	601.6
7.5°	5725.0	4966.3	4294.6	3636.2	3007.9	2453.1	1931.7	1500.6	1156.4	852.2	608.3
5°	5668.2	4932.9	4254.5	3589.4	2961.1	2436.4	1918.4	1483.9	1149.7	852.2	601.6
2.5°	5594.7	4892.8	4207.7	3529.2	2907.6	2379.6	1874.9	1447.1	1126.3	838.9	594.9
0°	5474.3	4812.6	4127.5	3445.7	2834.1	2322.8	1831.5	1410.4	1102.9	825.5	588.2
-2.5°	5364.1	4705.7	4023.9	3358.8	2763.9	2272.6	1798.0	1390.3	1092.9	822.2	584.9
-5°	5210.3	4558.6	3886.9	3245.2	2670.3	2222.5	1764.6	1366.9	1082.8	815.5	584.9
-7.5°	5039.9	4404.9	3743.1	3128.2	2576.8	2135.6	1701.1	1330.2	1059.4	802.1	581.5
-10°	4775.8	4174.3	3562.7	2994.5	2476.5	2058.7	1647.7	1296.7	1039.4	788.7	568.2
-12.5°	4495.1	3920.3	3355.5	2830.7	2362.9	1978.5	1587.5	1260.0	1016.0	775.4	561.5
-15°	4197.7	3659.6	3138.2	2660.3	2239.2	1881.6	1524.0	1219.9	992.6	758.7	551.4
-17.5°	3886.9	3385.5	2914.3	2486.5	2115.5	1781.3	1457.2	1183.1	965.9	741.9	541.4
-20°	3559.3	3104.8	2687.0	2309.4	1985.2	1681.1	1387.0	1139.7	935.8	721.9	528.1



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 CATALOG NUMBER: IFLD-M-SA4D-735-U-76

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	3235.1	2827.4	2453.1	2135.6	1851.5	1577.5	1316.8	1096.2	902.4	698.5	518.0
-25°	2947.7	2566.7	2245.9	1968.5	1721.2	1477.2	1243.3	1052.8	865.6	675.1	504.7
-27.5°	2667.0	2342.8	2042.0	1811.4	1594.2	1380.3	1173.1	1006.0	828.8	648.4	491.3
-30°	2406.3	2128.9	1881.6	1657.7	1473.9	1293.4	1112.9	959.2	788.7	621.6	474.6
-32.5°	2169.0	1945.1	1737.9	1524.0	1360.2	1206.5	1056.1	912.4	748.6	594.9	457.9
-35°	1948.4	1774.6	1594.2	1413.7	1246.6	1126.3	995.9	862.3	711.9	564.8	441.2
-37.5°	1751.3	1610.9	1467.2	1313.4	1169.7	1049.4	939.1	812.1	675.1	538.1	424.4
-40°	1580.8	1467.2	1340.2	1216.5	1096.2	982.6	882.3	762.0	638.3	518.0	407.7
-42.5°	1423.7	1336.8	1233.2	1129.6	1022.7	922.4	825.5	708.5	601.6	494.6	391.0
-45°	1303.4	1216.5	1133.0	1039.4	949.2	862.3	765.3	661.7	568.2	467.9	374.3
-47.5°	1189.8	1112.9	1036.0	959.2	885.7	805.4	708.5	621.6	531.4	444.5	360.9
-50°	1089.5	1016.0	949.2	882.3	818.8	741.9	651.7	581.5	501.3	421.1	344.2
-52.5°	995.9	932.4	865.6	812.1	758.7	681.8	608.3	541.4	471.2	394.4	327.5
-55°	912.4	852.2	792.1	741.9	691.8	625.0	564.8	508.0	441.2	374.3	310.8
-57.5°	832.2	782.0	725.2	678.4	628.3	574.8	524.7	471.2	411.1	354.3	294.1
-60°	758.7	711.9	661.7	614.9	571.5	528.1	481.3	437.8	384.3	330.9	277.4
-62.5°	685.1	645.0	601.6	554.8	521.4	481.3	444.5	401.1	357.6	310.8	247.3
-65°	618.3	581.5	541.4	501.3	471.2	441.2	407.7	367.6	330.9	287.4	220.6
-67.5°	551.4	518.0	484.6	451.2	424.4	401.1	367.6	337.6	307.5	260.7	193.8
-70°	487.9	461.2	431.1	404.4	384.3	357.6	334.2	307.5	280.7	227.3	163.8
-72.5°	427.8	401.1	377.7	357.6	340.9	317.5	297.4	277.4	240.6	190.5	137.0
-75°	357.6	340.9	327.5	310.8	294.1	277.4	260.7	237.3	200.5	153.7	106.9
-77.5°	294.1	284.1	274.1	260.7	247.3	233.9	213.9	190.5	160.4	120.3	86.9
-80°	240.6	230.6	223.9	210.6	200.5	187.2	167.1	147.1	117.0	93.6	70.2
-82.5°	183.8	177.1	170.4	163.8	153.7	140.4	120.3	103.6	86.9	70.2	53.5
-85°	130.3	127.0	120.3	113.6	103.6	93.6	80.2	70.2	60.2	46.8	36.8
-87.5°	66.8	63.5	60.2	56.8	53.5	46.8	40.1	33.4	30.1	23.4	16.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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 CATALOG NUMBER: IFLD-M-SA4D-735-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	13.4	10.0	3.3	0.0
85°	26.7	16.7	6.7	0.0
82.5°	40.1	26.7	10.0	0.0
80°	53.5	33.4	16.7	0.0
77.5°	66.8	40.1	20.1	0.0
75°	80.2	50.1	23.4	0.0
72.5°	90.2	56.8	26.7	0.0
70°	106.9	66.8	30.1	0.0
67.5°	133.7	73.5	33.4	0.0
65°	157.1	80.2	36.8	0.0
62.5°	183.8	86.9	40.1	0.0
60°	207.2	93.6	43.4	0.0
57.5°	230.6	110.3	46.8	0.0
55°	250.7	123.7	50.1	0.0
52.5°	274.1	137.0	53.5	0.0
50°	294.1	150.4	56.8	0.0
47.5°	310.8	163.8	56.8	0.0
45°	324.2	173.8	60.2	0.0
42.5°	334.2	183.8	63.5	0.0
40°	344.2	193.8	66.8	0.0
37.5°	354.3	203.9	66.8	0.0
35°	364.3	213.9	70.2	0.0
32.5°	374.3	223.9	70.2	0.0
30°	381.0	230.6	73.5	0.0
27.5°	391.0	237.3	73.5	0.0
25°	394.4	244.0	76.9	0.0
22.5°	401.1	247.3	76.9	0.0
20°	407.7	254.0	76.9	0.0
17.5°	411.1	257.3	80.2	0.0
15°	411.1	260.7	83.6	0.0
12.5°	414.4	264.0	83.6	0.0
10°	414.4	270.7	80.2	0.0
7.5°	421.1	267.4	80.2	0.0
5°	417.8	267.4	80.2	0.0
2.5°	414.4	264.0	80.2	0.0
0°	411.1	264.0	80.2	0.0
-2.5°	411.1	264.0	80.2	0.0
-5°	411.1	264.0	80.2	0.0
-7.5°	407.7	267.4	80.2	0.0
-10°	401.1	267.4	80.2	0.0
-12.5°	397.7	257.3	80.2	0.0
-15°	394.4	254.0	80.2	0.0
-17.5°	387.7	250.7	76.9	0.0
-20°	381.0	247.3	76.9	0.0



REPORT NUMBER: P722064  
 CATALOG NUMBER: IFLD-M-SA4D-735-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
-22.5°	374.3	240.6	76.9	0.0
-25°	367.6	233.9	73.5	0.0
-27.5°	360.9	227.3	73.5	0.0
-30°	350.9	220.6	70.2	0.0
-32.5°	340.9	213.9	70.2	0.0
-35°	334.2	203.9	66.8	0.0
-37.5°	324.2	193.8	66.8	0.0
-40°	314.2	183.8	63.5	0.0
-42.5°	304.1	173.8	60.2	0.0
-45°	290.8	163.8	60.2	0.0
-47.5°	280.7	153.7	56.8	0.0
-50°	264.0	140.4	53.5	0.0
-52.5°	244.0	127.0	50.1	0.0
-55°	223.9	117.0	46.8	0.0
-57.5°	203.9	103.6	46.8	0.0
-60°	183.8	90.2	43.4	0.0
-62.5°	163.8	83.6	40.1	0.0
-65°	143.7	76.9	36.8	0.0
-67.5°	120.3	66.8	33.4	0.0
-70°	100.3	60.2	30.1	0.0
-72.5°	86.9	53.5	26.7	0.0
-75°	73.5	46.8	23.4	0.0
-77.5°	63.5	40.1	20.1	0.0
-80°	50.1	30.1	13.4	0.0
-82.5°	36.8	23.4	10.0	0.0
-85°	23.4	16.7	6.7	0.0
-87.5°	13.4	6.7	3.3	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)