

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: P722103

Luminaire Tested: **IFLD-L-SA8D-740-U-76**

Issue Date: 10/26/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P722103  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 10/26/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-L-SA8D-740-U-76  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens  
Light Source: (128) 4000K CCT, 70 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

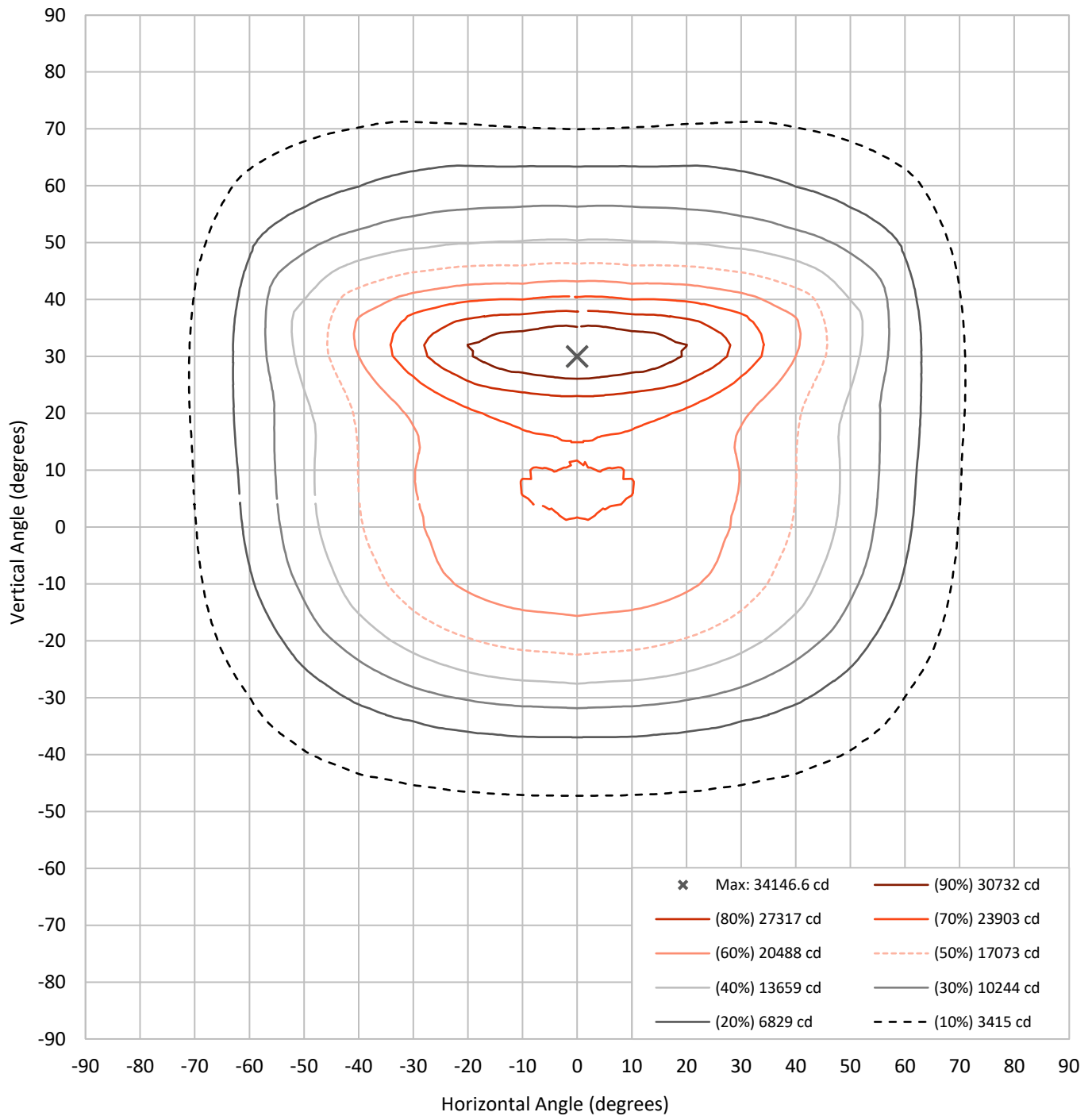
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	56999.2 lumens	Max Intensity:	34146.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	116.7 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	33145.7 lumens	Field Lumens:	53415.6 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 488.3  
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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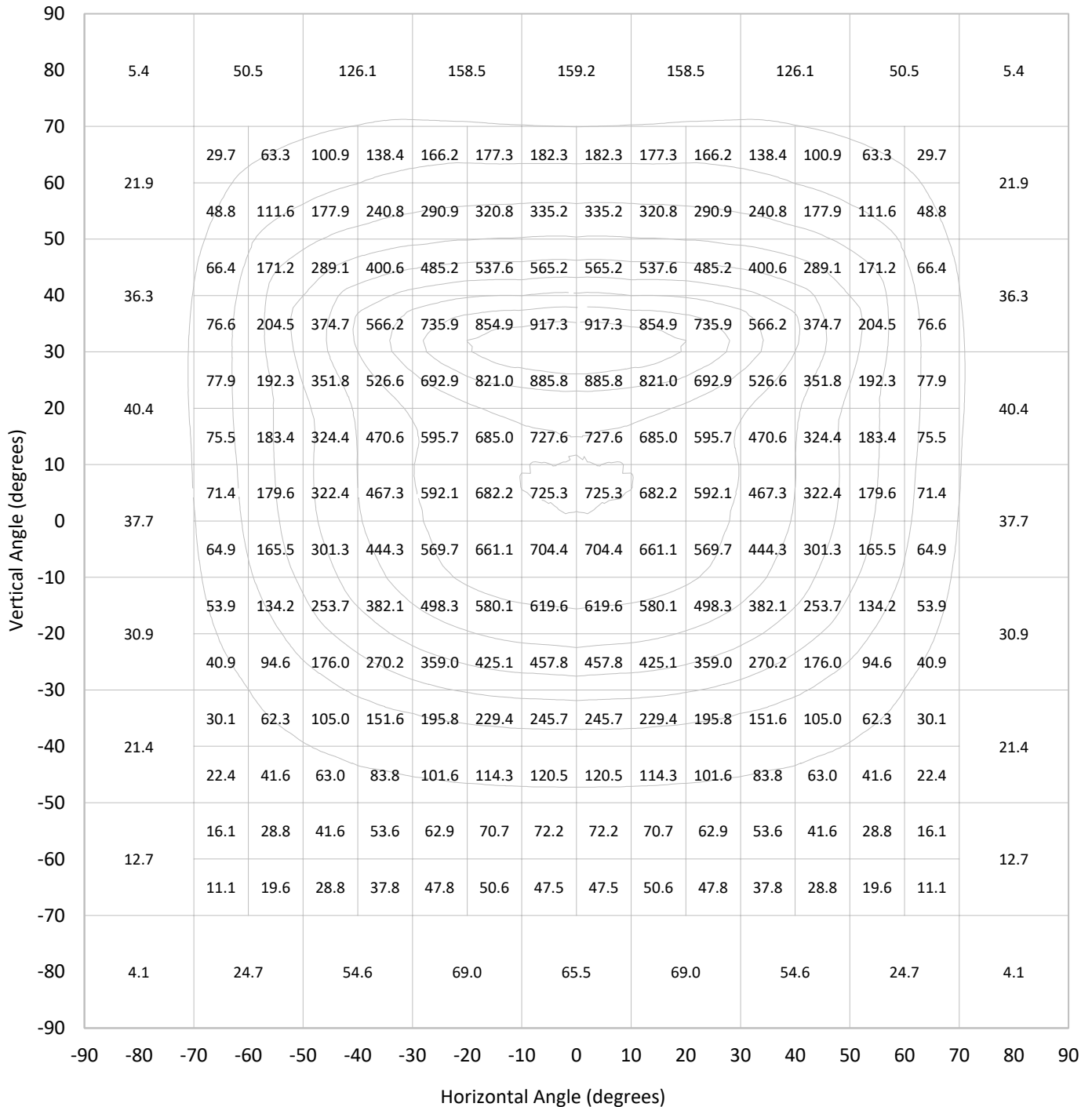
### Iso-Candela Plot





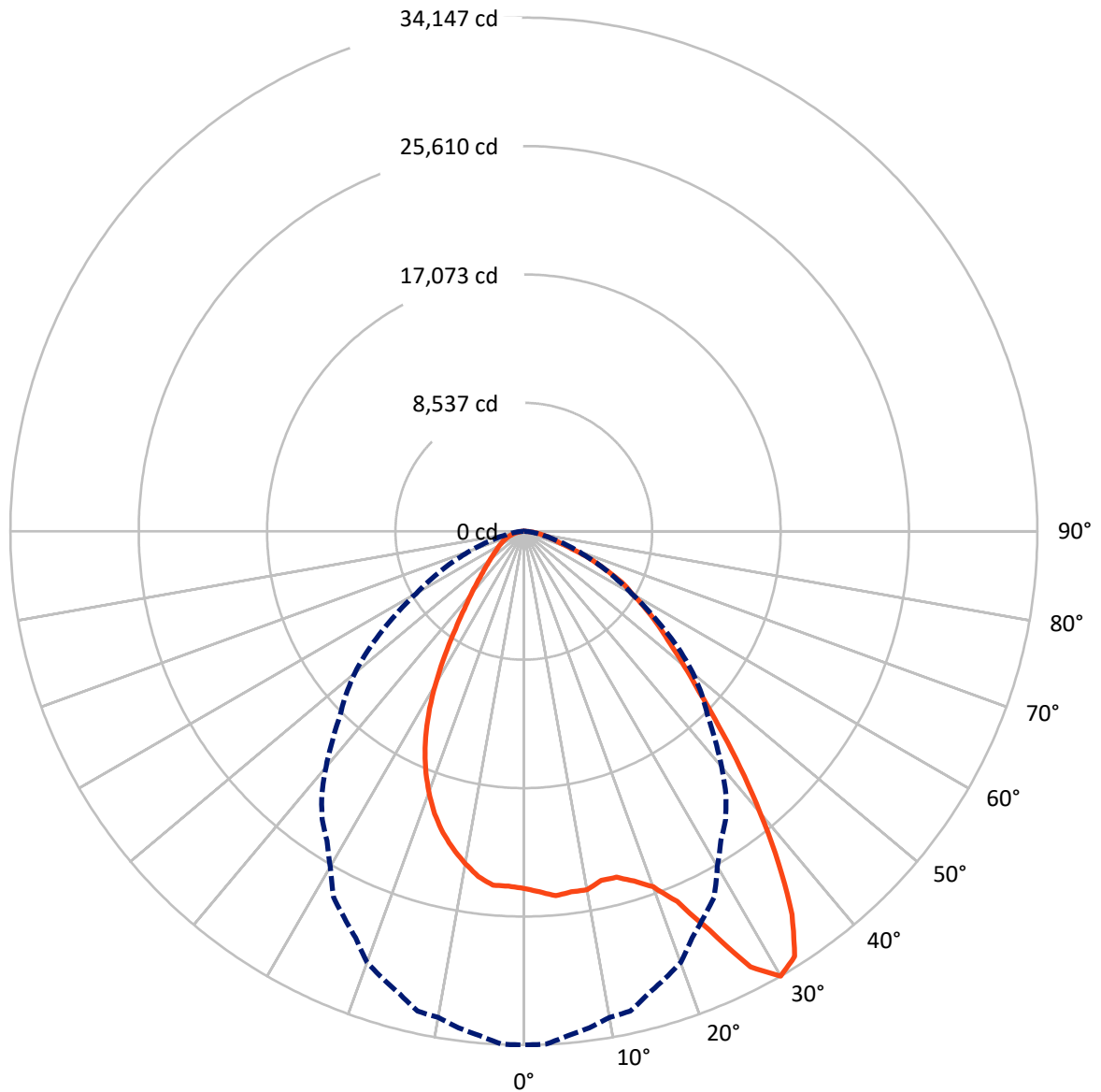
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### Lumen Table



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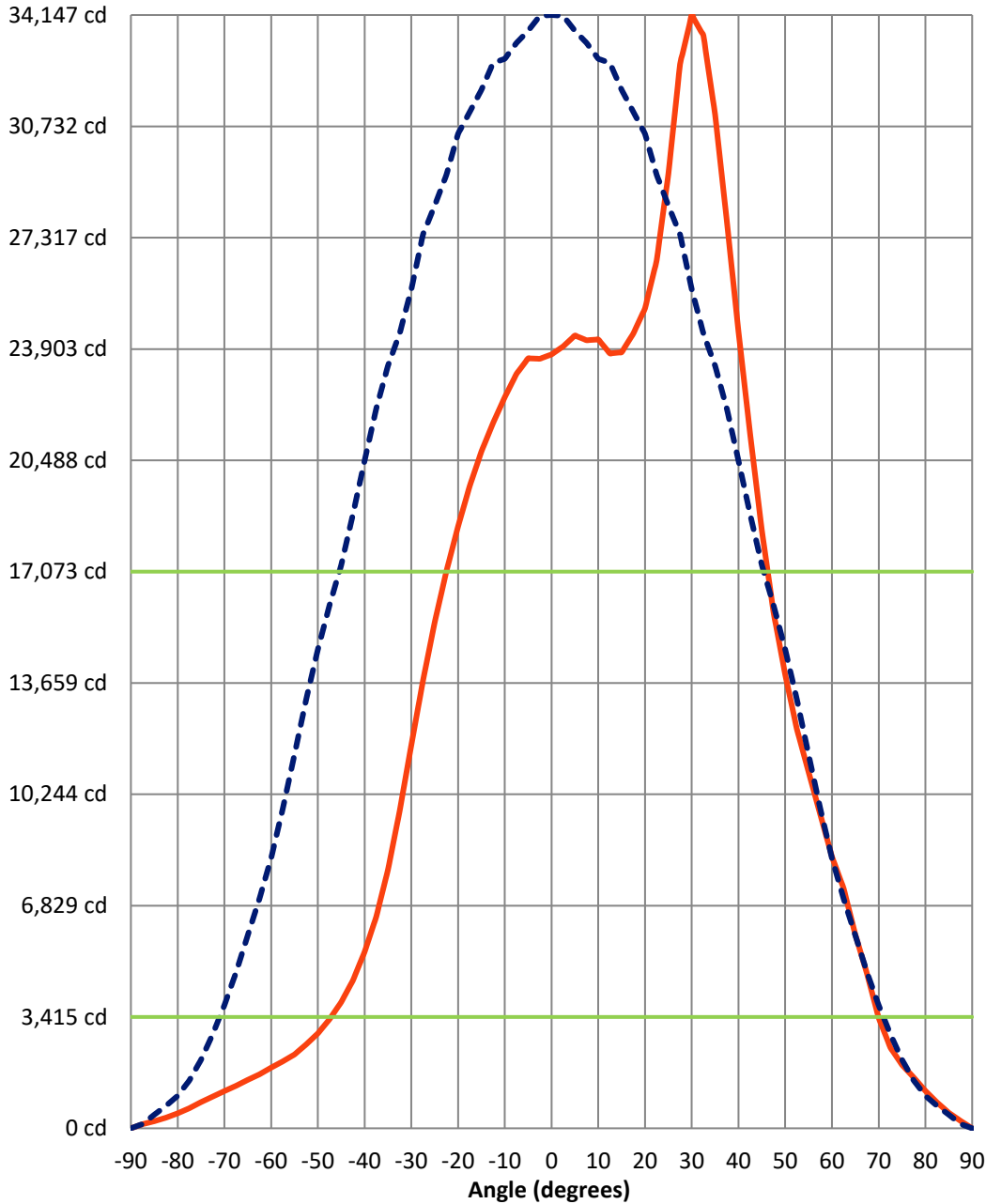
### Luminous Intensity Polar Plot



— 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: 33145.7  
 Efficiency: 58.2%

**Field:**  
 H Angle: 142°  
 V Angle: 117.1°  
 Lumens: 53415.6  
 Efficiency: 93.7%

**Spill:**  
 Lumens: 3583.6  
 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°	229.5	235.5	241.5	241.5	235.5	235.5	235.5	229.5	235.5	235.5	235.5
85°	477.0	489.1	501.2	495.1	489.1	477.0	464.9	471.0	477.0	483.1	483.1
82.5°	791.0	809.1	821.2	815.2	803.1	791.0	778.9	785.0	797.1	803.1	803.1
80°	1147.3	1153.3	1159.4	1171.4	1153.3	1153.3	1147.3	1171.4	1183.5	1195.6	1207.7
77.5°	1557.9	1563.9	1563.9	1570.0	1576.0	1582.0	1582.0	1624.3	1654.5	1672.6	1690.7
75°	1944.3	1962.4	1980.6	1998.7	2022.8	2034.9	2053.0	2113.4	2161.7	2197.9	2234.2
72.5°	2475.7	2499.9	2530.0	2572.3	2614.6	2644.8	2687.0	2759.5	2813.8	2850.1	2892.3
70°	3387.5	3411.6	3441.8	3472.0	3514.3	3544.5	3586.7	3677.3	3731.7	3755.8	3780.0
67.5°	4740.1	4800.4	4854.8	4794.4	4764.2	4721.9	4734.0	4818.6	4872.9	4909.1	4903.1
65°	5941.7	5984.0	5984.0	5977.9	5953.8	5899.4	5929.6	6032.3	6092.6	6122.8	6032.3
62.5°	7354.6	7354.6	7324.5	7372.8	7378.8	7342.6	7324.5	7330.5	7336.5	7354.6	7203.7
60°	8332.8	8393.2	8411.3	8453.6	8465.7	8465.7	8495.9	8520.0	8520.0	8483.8	8308.7
57.5°	9625.0	9739.8	9763.9	9733.7	9673.3	9594.9	9582.8	9546.5	9474.1	9401.6	9317.1
55°	10929.3	10989.7	10983.7	10965.5	10905.2	10814.6	10826.7	10778.4	10663.6	10573.1	10458.3
52.5°	12239.6	12384.5	12408.7	12372.5	12287.9	12191.3	12197.4	12143.0	12028.3	11931.7	11774.7
50°	13912.2	14033.0	14020.9	13960.5	13839.8	13767.3	13773.4	13670.7	13537.9	13507.7	13302.4
47.5°	15826.4	15965.3	15941.1	15856.6	15693.5	15663.3	15693.5	15560.7	15482.2	15415.8	15174.2
45°	18338.3	18501.3	18410.8	18247.7	17988.1	18018.3	18060.5	18036.4	17867.3	17692.2	17384.3
42.5°	21285.0	21387.6	21279.0	21115.9	20789.9	20850.2	20826.1	20681.2	20578.5	20288.7	19896.2
40°	24437.0	24660.4	24491.3	24237.7	23899.6	23990.1	23923.7	23736.5	23495.0	23132.7	22637.6
37.5°	27836.5	28011.7	27818.4	27522.5	27220.6	27190.4	27057.6	26767.8	26423.6	26025.1	25234.0
35°	31091.2	31544.1	31187.8	30716.8	30348.5	30209.6	30082.8	29412.5	29020.0	28373.9	27293.1
32.5°	33512.5	33844.6	33403.8	32914.7	32467.9	32274.7	31827.9	31030.8	30819.5	29460.8	28470.6
30°	34146.6	34122.4	33663.5	33289.1	32806.1	32673.2	31852.0	31175.7	30499.4	29243.5	28301.5
27.5°	32637.0	32486.0	32045.2	31719.2	31242.1	31085.1	30276.0	29913.7	28869.1	27806.3	27009.3
25°	29273.7	29352.2	29020.0	28857.0	28543.0	28204.9	27884.8	27395.7	26743.6	25813.7	25083.1
22.5°	26622.8	26725.5	26586.6	26393.4	26151.9	25964.7	25723.1	25342.7	24714.7	24141.1	23452.7
20°	25149.5	25119.3	24998.5	24853.6	24624.2	24491.3	24225.6	23905.6	23422.5	22927.4	22184.7
17.5°	24376.6	24189.4	24074.7	24020.3	23899.6	23730.5	23416.5	23090.4	22716.1	22154.5	21611.1
15°	23803.0	23833.2	23742.6	23700.3	23603.7	23368.2	23048.2	22782.5	22275.3	21991.5	21496.3
12.5°	23766.7	23736.5	23742.6	23724.5	23603.7	23301.8	23138.7	22800.6	22474.5	22100.2	21532.6
10°	24195.4	23875.4	23899.6	23984.1	23790.9	23549.4	23374.2	23005.9	22698.0	22220.9	21659.4
7.5°	24171.3	24008.3	24056.6	23917.7	23978.1	23682.2	23440.7	23072.3	22685.9	22178.7	21671.4
5°	24316.2	24068.6	24026.4	24038.5	23887.5	23664.1	23338.0	22987.8	22625.5	22057.9	21538.6
2.5°	23984.1	24020.3	23827.1	23754.7	23736.5	23362.2	23060.2	22722.1	22347.7	21846.6	21381.6
0°	23736.5	23803.0	23603.7	23501.0	23495.0	23175.0	22981.8	22595.3	22329.6	21913.0	21351.4
-2.5°	23603.7	23682.2	23706.3	23519.2	23338.0	23090.4	22764.4	22347.7	21913.0	21429.9	20946.8
-5°	23615.8	23458.8	23392.4	23452.7	23295.7	23048.2	22685.9	22317.5	21888.8	21369.5	20765.7
-7.5°	23138.7	22981.8	22969.7	22939.5	22903.3	22667.8	22365.8	21967.3	21532.6	21049.5	20487.9
-10°	22426.2	22311.5	22281.3	22251.1	22154.5	22015.6	21731.8	21369.5	20977.0	20494.0	19896.2
-12.5°	21635.2	21580.9	21466.1	21387.6	21291.0	21128.0	20856.3	20524.2	20131.7	19703.0	19189.7
-15°	20759.7	20657.0	20542.3	20475.9	20337.0	20143.8	19872.0	19564.1	19135.4	18712.7	18229.6
-17.5°	19703.0	19576.2	19449.3	19431.2	19334.6	19038.7	18785.1	18410.8	18036.4	17631.8	17160.8
-20°	18459.1	18284.0	18199.4	18151.1	18018.3	17800.9	17529.2	17185.0	16822.7	16436.2	15892.8



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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°	17082.3	16931.4	16786.5	16695.9	16581.2	16412.1	16152.4	15850.5	15494.3	15059.5	14558.3
-25°	15518.4	15307.1	15216.5	15113.9	15053.5	14896.5	14642.9	14365.1	13996.8	13574.1	13097.1
-27.5°	13731.1	13562.0	13513.7	13368.8	13296.3	13133.3	12922.0	12662.3	12324.2	11925.6	11533.1
-30°	11756.6	11653.9	11575.4	11430.5	11376.1	11201.0	11062.2	10844.8	10536.8	10253.0	9939.0
-32.5°	9727.7	9625.0	9600.9	9534.5	9498.2	9383.5	9226.5	9069.5	8821.9	8610.6	8357.0
-35°	7928.3	7855.8	7861.9	7855.8	7819.6	7735.1	7541.8	7499.6	7318.4	7125.2	6962.2
-37.5°	6491.2	6497.2	6491.2	6485.1	6436.8	6400.6	6261.7	6207.4	6098.7	5911.5	5814.9
-40°	5410.3	5422.4	5416.4	5404.3	5349.9	5331.8	5241.2	5168.8	5126.5	4993.7	4891.0
-42.5°	4534.8	4552.9	4546.8	4540.8	4504.6	4498.5	4450.2	4365.7	4341.5	4263.0	4154.3
-45°	3870.5	3864.5	3852.4	3864.5	3846.4	3828.3	3798.1	3743.7	3713.6	3677.3	3586.7
-47.5°	3345.2	3351.3	3339.2	3339.2	3315.0	3296.9	3284.8	3248.6	3224.4	3194.3	3139.9
-50°	2910.5	2934.6	2928.6	2922.5	2904.4	2892.3	2892.3	2856.1	2819.9	2807.8	2771.6
-52.5°	2572.3	2590.4	2596.5	2608.5	2614.6	2620.6	2602.5	2566.3	2505.9	2499.9	2481.7
-55°	2264.4	2318.7	2354.9	2379.1	2403.2	2421.4	2385.1	2336.8	2276.4	2252.3	2246.2
-57.5°	2053.0	2107.4	2149.6	2185.9	2216.1	2246.2	2210.0	2161.7	2107.4	2077.2	2071.1
-60°	1859.8	1908.1	1950.4	1998.7	2040.9	2089.3	2071.1	2034.9	2004.7	1980.6	1956.4
-62.5°	1654.5	1702.8	1751.1	1811.5	1865.8	1914.1	1920.2	1914.1	1908.1	1914.1	1871.9
-65°	1485.4	1509.6	1539.8	1606.2	1666.6	1720.9	1751.1	1769.2	1799.4	1829.6	1787.3
-67.5°	1304.3	1334.5	1370.7	1419.0	1467.3	1503.5	1545.8	1594.1	1642.4	1690.7	1660.5
-70°	1141.2	1165.4	1195.6	1219.7	1249.9	1274.1	1310.3	1364.7	1419.0	1467.3	1455.2
-72.5°	972.2	996.3	1014.4	1026.5	1044.6	1056.7	1074.8	1123.1	1159.4	1183.5	1183.5
-75°	803.1	827.2	845.4	851.4	863.5	869.5	881.6	899.7	917.8	923.9	929.9
-77.5°	615.9	640.1	658.2	670.3	682.3	694.4	700.4	712.5	718.6	718.6	724.6
-80°	458.9	477.0	489.1	507.2	513.3	525.3	537.4	543.4	549.5	549.5	555.5
-82.5°	326.1	338.1	350.2	362.3	374.4	380.4	392.5	398.5	404.6	410.6	416.6
-85°	217.4	229.5	241.5	253.6	259.6	265.7	271.7	277.8	283.8	289.8	295.9
-87.5°	126.8	132.8	138.9	151.0	157.0	169.1	175.1	169.1	175.1	175.1	175.1
-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°	235.5	235.5	235.5	235.5	229.5	217.4	211.3	199.3	187.2	175.1	163.0
85°	489.1	495.1	495.1	495.1	483.1	477.0	458.9	440.8	416.6	380.4	350.2
82.5°	815.2	821.2	821.2	815.2	803.1	785.0	760.8	730.6	682.3	634.0	591.8
80°	1225.8	1231.8	1231.8	1225.8	1195.6	1165.4	1135.2	1099.0	1038.6	972.2	899.7
77.5°	1714.9	1727.0	1727.0	1708.8	1666.6	1630.3	1582.0	1521.7	1431.1	1334.5	1237.9
75°	2282.5	2312.7	2318.7	2300.6	2246.2	2179.8	2101.3	1998.7	1859.8	1739.0	1624.3
72.5°	2940.6	2970.8	2995.0	2970.8	2892.3	2801.8	2687.0	2566.3	2427.4	2264.4	2071.1
70°	3804.1	3834.3	3852.4	3773.9	3635.1	3484.1	3345.2	3206.3	3043.3	2844.0	2632.7
67.5°	4891.0	4860.8	4824.6	4667.6	4492.5	4311.3	4118.1	3912.8	3701.5	3490.1	3242.6
65°	5935.6	5851.1	5772.6	5585.4	5362.0	5126.5	4903.1	4673.6	4420.0	4154.3	3918.9
62.5°	7034.6	6853.5	6660.2	6430.8	6201.3	5941.7	5718.3	5446.5	5162.7	4836.7	4534.8
60°	8115.5	7898.1	7704.9	7421.1	7119.2	6768.9	6527.4	6261.7	5929.6	5579.4	5223.1
57.5°	9160.1	8924.6	8713.3	8465.7	8139.6	7759.2	7493.5	7149.3	6799.1	6358.3	5996.0
55°	10271.1	10035.6	9866.6	9588.8	9232.6	8882.3	8592.5	8230.2	7741.1	7270.1	6823.3
52.5°	11545.2	11358.0	11176.9	10893.1	10464.4	10108.1	9788.1	9383.5	8870.3	8290.6	7753.2
50°	12970.3	12873.6	12680.4	12348.3	11859.2	11545.2	11122.5	10585.1	10035.6	9425.8	8755.5
47.5°	14860.2	14703.2	14431.5	14069.2	13658.6	13187.6	12620.0	11992.1	11213.1	10536.8	9824.3
45°	17118.6	16828.7	16478.5	15989.4	15482.2	14950.8	14328.9	13531.8	12487.2	11605.6	10856.9
42.5°	19564.1	19171.6	18694.6	18054.5	17396.3	16744.2	16073.9	14987.0	13682.8	12668.3	11823.0
40°	22118.3	21617.1	21019.3	20089.4	19358.8	18519.5	17752.6	16128.3	14739.5	13640.5	12740.8
37.5°	24618.1	23984.1	22981.8	21852.6	21001.2	20312.8	18628.1	16889.1	15645.2	14437.6	13525.8
35°	26532.3	25994.9	24225.6	23054.2	22323.6	21236.7	19129.3	17348.0	16031.7	15029.3	13610.3
32.5°	27667.5	26278.7	24726.8	23543.3	22939.5	21158.2	19165.5	17480.9	16212.8	15089.7	13392.9
30°	27413.9	25735.2	24376.6	23386.3	22076.0	20475.9	18827.4	17275.6	16043.8	14685.1	13151.4
27.5°	25886.2	24587.9	23374.2	22341.7	21055.5	19618.4	18096.8	16732.1	15584.8	14268.5	12819.3
25°	24159.2	22981.8	22082.0	21182.3	19962.6	18591.9	17251.4	16267.2	15113.9	13815.6	12384.5
22.5°	22571.1	21725.8	21019.3	20077.3	18887.8	17692.2	16858.9	15838.4	14654.9	13338.6	11937.7
20°	21556.7	20983.1	20173.9	19135.4	18199.4	17450.7	16526.8	15446.0	14226.2	12849.5	11557.3
17.5°	21067.6	20403.4	19503.7	18827.4	18108.8	17287.6	16255.1	15107.8	13809.6	12626.1	11599.6
15°	20814.0	20113.6	19521.8	18857.6	18048.5	17185.0	16037.7	14848.2	13809.6	12716.6	11629.8
12.5°	20868.3	20264.5	19618.4	18893.8	18024.3	17100.5	16061.9	14956.9	13882.0	12783.1	11635.8
10°	21037.4	20403.4	19715.0	18911.9	18036.4	17124.6	16128.3	15023.3	13918.3	12813.3	11623.7
7.5°	21097.8	20409.4	19672.8	18863.6	18006.2	17112.5	16140.4	15041.4	13924.3	12807.2	11587.5
5°	20910.6	20288.7	19576.2	18761.0	17921.7	17052.1	16092.1	15017.2	13876.0	12746.8	11496.9
2.5°	20657.0	20155.8	19473.5	18688.5	17837.1	16967.6	16013.6	14908.6	13767.3	12638.2	11382.2
0°	20614.7	19992.8	19304.4	18604.0	17698.2	16780.4	15832.4	14703.2	13568.0	12432.8	11182.9
-2.5°	20337.0	19678.8	18990.4	18229.6	17432.6	16508.7	15512.4	14407.4	13284.2	12167.2	10965.5
-5°	20125.6	19395.0	18664.4	17843.2	17040.1	16116.2	15083.7	14008.8	12909.9	11823.0	10663.6
-7.5°	19841.8	19093.1	18326.2	17468.8	16599.3	15657.3	14636.8	13562.0	12481.2	11400.3	10289.3
-10°	19268.2	18610.0	17891.5	17003.8	16086.0	15144.0	14129.6	13072.9	11992.1	10899.1	9782.0
-12.5°	18573.8	17879.4	17094.4	16279.2	15458.0	14582.5	13568.0	12529.5	11442.6	10343.6	9232.6
-15°	17674.1	16991.8	16188.7	15391.6	14600.6	13761.3	12867.6	11931.7	10826.7	9745.8	8634.8
-17.5°	16551.0	15910.9	15192.4	14431.5	13646.5	12801.2	11931.7	11140.7	10108.1	9093.7	7994.7
-20°	15343.3	14745.5	14099.4	13380.9	12595.9	11768.6	10947.4	10120.2	9226.5	8332.8	7312.4



REPORT NUMBER: P722103  
 CATALOG NUMBER: IFLD-L-SA8D-740-U-76

**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	14087.3	13483.5	12831.4	12161.1	11436.5	10669.7	9908.8	9117.8	8332.8	7523.7	6660.2
-25°	12638.2	12106.8	11509.0	10856.9	10210.8	9540.5	8815.9	8097.4	7427.1	6726.7	6020.2
-27.5°	11122.5	10633.4	10090.0	9522.4	8966.9	8405.3	7777.3	7113.1	6557.6	5977.9	5392.2
-30°	9528.4	9135.9	8695.1	8200.0	7771.3	7318.4	6793.1	6243.6	5736.4	5295.6	4824.6
-32.5°	8018.9	7686.7	7372.8	7046.7	6624.0	6273.8	5911.5	5506.9	5060.1	4643.4	4305.3
-35°	6720.6	6364.4	6231.5	5990.0	5688.1	5380.1	5114.4	4824.6	4486.5	4118.1	3840.4
-37.5°	5627.7	5416.4	5229.2	5096.3	4897.1	4649.5	4438.1	4226.8	3967.2	3689.4	3411.6
-40°	4776.3	4631.4	4426.1	4359.6	4232.8	4063.8	3846.4	3683.4	3508.2	3296.9	3061.4
-42.5°	4094.0	3985.3	3852.4	3737.7	3683.4	3562.6	3393.5	3236.5	3097.6	2952.7	2771.6
-45°	3532.4	3459.9	3375.4	3272.8	3230.5	3133.9	3013.1	2838.0	2759.5	2638.7	2505.9
-47.5°	3079.5	3043.3	2982.9	2916.5	2856.1	2783.7	2675.0	2566.3	2457.6	2379.1	2276.4
-50°	2723.3	2699.1	2662.9	2608.5	2530.0	2481.7	2409.3	2312.7	2210.0	2143.6	2071.1
-52.5°	2439.5	2415.3	2391.2	2348.9	2288.5	2240.2	2179.8	2101.3	2016.8	1950.4	1890.0
-55°	2222.1	2185.9	2167.7	2131.5	2083.2	2028.9	1974.5	1920.2	1847.7	1787.3	1727.0
-57.5°	2053.0	2004.7	1980.6	1950.4	1902.1	1847.7	1805.5	1751.1	1702.8	1636.4	1582.0
-60°	1920.2	1865.8	1817.5	1787.3	1745.1	1690.7	1648.5	1606.2	1557.9	1503.5	1437.1
-62.5°	1811.5	1745.1	1678.6	1642.4	1600.1	1551.8	1509.6	1467.3	1419.0	1364.7	1304.3
-65°	1708.8	1630.3	1545.8	1509.6	1467.3	1419.0	1364.7	1334.5	1292.2	1243.9	1183.5
-67.5°	1582.0	1497.5	1425.0	1382.8	1340.5	1298.2	1249.9	1219.7	1177.5	1117.1	1056.7
-70°	1394.8	1340.5	1292.2	1256.0	1219.7	1183.5	1135.2	1086.9	1038.6	984.2	929.9
-72.5°	1159.4	1141.2	1135.2	1117.1	1074.8	1032.5	984.2	935.9	893.7	851.4	809.1
-75°	935.9	948.0	960.1	954.1	911.8	869.5	827.2	785.0	754.8	718.6	682.3
-77.5°	742.7	754.8	766.9	766.9	736.7	712.5	682.3	652.1	628.0	597.8	561.6
-80°	573.6	591.8	609.9	621.9	597.8	579.7	555.5	531.4	507.2	483.1	458.9
-82.5°	434.8	452.9	471.0	483.1	464.9	452.9	434.8	416.6	398.5	374.4	356.3
-85°	314.0	326.1	338.1	344.2	332.1	320.0	308.0	295.9	283.8	265.7	253.6
-87.5°	181.1	187.2	193.2	199.3	187.2	175.1	169.1	157.0	151.0	138.9	132.8
-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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 CATALOG NUMBER: IFLD-L-SA8D-740-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°	151.0	138.9	126.8	120.8	108.7	90.6	78.5	66.4	54.3	42.3	36.2
85°	320.0	289.8	253.6	235.5	211.3	187.2	163.0	138.9	114.7	90.6	66.4
82.5°	549.5	513.3	477.0	434.8	380.4	314.0	247.6	205.3	169.1	132.8	102.7
80°	827.2	760.8	700.4	646.1	585.7	501.2	410.6	326.1	229.5	175.1	132.8
77.5°	1147.3	1068.8	984.2	893.7	797.1	682.3	579.7	471.0	356.3	241.5	169.1
75°	1509.6	1406.9	1292.2	1165.4	1038.6	887.6	742.7	615.9	483.1	338.1	205.3
72.5°	1914.1	1787.3	1648.5	1479.4	1280.1	1105.0	929.9	760.8	603.8	428.7	277.8
70°	2433.4	2234.2	2028.9	1847.7	1594.1	1316.3	1111.0	917.8	718.6	525.3	350.2
67.5°	2989.0	2747.4	2499.9	2234.2	1914.1	1588.1	1292.2	1074.8	839.3	615.9	416.6
65°	3592.8	3290.9	2976.9	2681.0	2240.2	1853.8	1521.7	1225.8	954.1	700.4	483.1
62.5°	4214.7	3858.5	3496.2	3109.7	2602.5	2125.5	1739.0	1394.8	1062.7	778.9	543.4
60°	4878.9	4462.3	4021.5	3538.4	2946.7	2421.4	1944.3	1570.0	1177.5	857.4	609.9
57.5°	5579.4	5126.5	4607.2	3955.1	3302.9	2705.2	2179.8	1727.0	1280.1	929.9	658.2
55°	6340.2	5820.9	5253.3	4389.8	3653.2	2989.0	2415.3	1883.9	1388.8	990.3	706.5
52.5°	7161.4	6557.6	5839.0	4848.8	4021.5	3278.8	2632.7	2022.8	1491.5	1056.7	748.7
50°	8079.2	7318.4	6352.3	5271.4	4341.5	3550.5	2850.1	2173.8	1576.0	1129.2	785.0
47.5°	9033.3	8212.1	6811.2	5663.9	4667.6	3816.2	3073.5	2306.6	1660.5	1189.5	821.2
45°	10029.6	8834.0	7288.2	6014.1	4951.4	4057.7	3242.6	2427.4	1763.2	1243.9	851.4
42.5°	11013.9	9305.0	7704.9	6364.4	5217.1	4275.1	3381.4	2542.1	1847.7	1298.2	881.6
40°	11478.8	9661.3	8037.0	6605.9	5440.5	4468.3	3502.2	2644.8	1920.2	1334.5	911.8
37.5°	11672.0	9878.7	8254.3	6835.4	5615.6	4571.0	3604.9	2735.3	1980.6	1370.7	935.9
35°	11714.3	9957.1	8363.0	6992.3	5760.5	4667.6	3683.4	2801.8	2028.9	1406.9	960.1
32.5°	11635.8	9933.0	8393.2	7046.7	5851.1	4740.1	3737.7	2850.1	2065.1	1443.2	984.2
30°	11460.7	9806.2	8284.5	7040.7	5917.5	4782.3	3773.9	2886.3	2101.3	1467.3	996.3
27.5°	11176.9	9582.8	8145.7	7046.7	5953.8	4800.4	3792.0	2904.4	2125.5	1485.4	1020.5
25°	10826.7	9280.9	8151.7	7034.6	5959.8	4806.5	3792.0	2904.4	2131.5	1491.5	1038.6
22.5°	10422.1	9280.9	8151.7	7016.5	5923.6	4794.4	3773.9	2892.3	2131.5	1503.5	1056.7
20°	10446.3	9286.9	8133.6	6980.3	5869.2	4758.2	3731.7	2862.2	2113.4	1521.7	1068.8
17.5°	10464.4	9274.8	8097.4	6932.0	5796.8	4697.8	3677.3	2819.9	2113.4	1539.8	1074.8
15°	10464.4	9238.6	8043.0	6859.5	5706.2	4613.3	3598.8	2783.7	2119.4	1545.8	1086.9
12.5°	10446.3	9172.2	7958.5	6762.9	5597.5	4510.6	3550.5	2771.6	2119.4	1551.8	1086.9
10°	10410.0	9081.6	7849.8	6642.1	5494.8	4474.4	3526.4	2747.4	2107.4	1551.8	1086.9
7.5°	10343.6	8972.9	7759.2	6569.7	5434.5	4432.1	3490.1	2711.2	2089.3	1539.8	1099.0
5°	10240.9	8912.5	7686.7	6485.1	5349.9	4401.9	3466.0	2681.0	2077.2	1539.8	1086.9
2.5°	10108.1	8840.1	7602.2	6376.4	5253.3	4299.3	3387.5	2614.6	2034.9	1515.6	1074.8
0°	9890.7	8695.1	7457.3	6225.5	5120.5	4196.6	3309.0	2548.2	1992.6	1491.5	1062.7
-2.5°	9691.5	8501.9	7270.1	6068.5	4993.7	4106.0	3248.6	2511.9	1974.5	1485.4	1056.7
-5°	9413.7	8236.2	7022.5	5863.2	4824.6	4015.5	3188.2	2469.7	1956.4	1473.3	1056.7
-7.5°	9105.7	7958.5	6762.9	5651.8	4655.5	3858.5	3073.5	2403.2	1914.1	1449.2	1050.7
-10°	8628.7	7541.8	6436.8	5410.3	4474.4	3719.6	2976.9	2342.9	1877.9	1425.0	1026.5
-12.5°	8121.5	7082.9	6062.4	5114.4	4269.1	3574.7	2868.2	2276.4	1835.6	1400.9	1014.4
-15°	7584.1	6611.9	5670.0	4806.5	4045.7	3399.6	2753.5	2204.0	1793.4	1370.7	996.3
-17.5°	7022.5	6116.8	5265.4	4492.5	3822.2	3218.4	2632.7	2137.6	1745.1	1340.5	978.2
-20°	6430.8	5609.6	4854.8	4172.5	3586.7	3037.3	2505.9	2059.1	1690.7	1304.3	954.1



REPORT NUMBER: P722103  
 CATALOG NUMBER: IFLD-L-SA8D-740-U-76

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	5845.1	5108.4	4432.1	3858.5	3345.2	2850.1	2379.1	1980.6	1630.3	1262.0	935.9
-25°	5325.8	4637.4	4057.7	3556.6	3109.7	2668.9	2246.2	1902.1	1563.9	1219.7	911.8
-27.5°	4818.6	4232.8	3689.4	3272.8	2880.3	2493.8	2119.4	1817.5	1497.5	1171.4	887.6
-30°	4347.6	3846.4	3399.6	2995.0	2662.9	2336.8	2010.8	1733.0	1425.0	1123.1	857.4
-32.5°	3918.9	3514.3	3139.9	2753.5	2457.6	2179.8	1908.1	1648.5	1352.6	1074.8	827.2
-35°	3520.3	3206.3	2880.3	2554.2	2252.3	2034.9	1799.4	1557.9	1286.2	1020.5	797.1
-37.5°	3164.1	2910.5	2650.8	2373.1	2113.4	1896.0	1696.8	1467.3	1219.7	972.2	766.9
-40°	2856.1	2650.8	2421.4	2197.9	1980.6	1775.3	1594.1	1376.7	1153.3	935.9	736.7
-42.5°	2572.3	2415.3	2228.1	2040.9	1847.7	1666.6	1491.5	1280.1	1086.9	893.7	706.5
-45°	2354.9	2197.9	2047.0	1877.9	1714.9	1557.9	1382.8	1195.6	1026.5	845.4	676.3
-47.5°	2149.6	2010.8	1871.9	1733.0	1600.1	1455.2	1280.1	1123.1	960.1	803.1	652.1
-50°	1968.5	1835.6	1714.9	1594.1	1479.4	1340.5	1177.5	1050.7	905.7	760.8	621.9
-52.5°	1799.4	1684.7	1563.9	1467.3	1370.7	1231.8	1099.0	978.2	851.4	712.5	591.8
-55°	1648.5	1539.8	1431.1	1340.5	1249.9	1129.2	1020.5	917.8	797.1	676.3	561.6
-57.5°	1503.5	1413.0	1310.3	1225.8	1135.2	1038.6	948.0	851.4	742.7	640.1	531.4
-60°	1370.7	1286.2	1195.6	1111.0	1032.5	954.1	869.5	791.0	694.4	597.8	501.2
-62.5°	1237.9	1165.4	1086.9	1002.4	942.0	869.5	803.1	724.6	646.1	561.6	446.8
-65°	1117.1	1050.7	978.2	905.7	851.4	797.1	736.7	664.2	597.8	519.3	398.5
-67.5°	996.3	935.9	875.6	815.2	766.9	724.6	664.2	609.9	555.5	471.0	350.2
-70°	881.6	833.3	778.9	730.6	694.4	646.1	603.8	555.5	507.2	410.6	295.9
-72.5°	772.9	724.6	682.3	646.1	615.9	573.6	537.4	501.2	434.8	344.2	247.6
-75°	646.1	615.9	591.8	561.6	531.4	501.2	471.0	428.7	362.3	277.8	193.2
-77.5°	531.4	513.3	495.1	471.0	446.8	422.7	386.5	344.2	289.8	217.4	157.0
-80°	434.8	416.6	404.6	380.4	362.3	338.1	301.9	265.7	211.3	169.1	126.8
-82.5°	332.1	320.0	308.0	295.9	277.8	253.6	217.4	187.2	157.0	126.8	96.6
-85°	235.5	229.5	217.4	205.3	187.2	169.1	144.9	126.8	108.7	84.5	66.4
-87.5°	120.8	114.7	108.7	102.7	96.6	84.5	72.5	60.4	54.3	42.3	30.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P722103  
 CATALOG NUMBER: IFLD-L-SA8D-740-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	24.2	18.1	6.0	0.0
85°	48.3	30.2	12.1	0.0
82.5°	72.5	48.3	18.1	0.0
80°	96.6	60.4	30.2	0.0
77.5°	120.8	72.5	36.2	0.0
75°	144.9	90.6	42.3	0.0
72.5°	163.0	102.7	48.3	0.0
70°	193.2	120.8	54.3	0.0
67.5°	241.5	132.8	60.4	0.0
65°	283.8	144.9	66.4	0.0
62.5°	332.1	157.0	72.5	0.0
60°	374.4	169.1	78.5	0.0
57.5°	416.6	199.3	84.5	0.0
55°	452.9	223.4	90.6	0.0
52.5°	495.1	247.6	96.6	0.0
50°	531.4	271.7	102.7	0.0
47.5°	561.6	295.9	102.7	0.0
45°	585.7	314.0	108.7	0.0
42.5°	603.8	332.1	114.7	0.0
40°	621.9	350.2	120.8	0.0
37.5°	640.1	368.3	120.8	0.0
35°	658.2	386.5	126.8	0.0
32.5°	676.3	404.6	126.8	0.0
30°	688.4	416.6	132.8	0.0
27.5°	706.5	428.7	132.8	0.0
25°	712.5	440.8	138.9	0.0
22.5°	724.6	446.8	138.9	0.0
20°	736.7	458.9	138.9	0.0
17.5°	742.7	464.9	144.9	0.0
15°	742.7	471.0	151.0	0.0
12.5°	748.7	477.0	151.0	0.0
10°	748.7	489.1	144.9	0.0
7.5°	760.8	483.1	144.9	0.0
5°	754.8	483.1	144.9	0.0
2.5°	748.7	477.0	144.9	0.0
0°	742.7	477.0	144.9	0.0
-2.5°	742.7	477.0	144.9	0.0
-5°	742.7	477.0	144.9	0.0
-7.5°	736.7	483.1	144.9	0.0
-10°	724.6	483.1	144.9	0.0
-12.5°	718.6	464.9	144.9	0.0
-15°	712.5	458.9	144.9	0.0
-17.5°	700.4	452.9	138.9	0.0
-20°	688.4	446.8	138.9	0.0



REPORT NUMBER: P722103

CATALOG NUMBER: IFLD-L-SA8D-740-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
-22.5°	676.3	434.8	138.9	0.0
-25°	664.2	422.7	132.8	0.0
-27.5°	652.1	410.6	132.8	0.0
-30°	634.0	398.5	126.8	0.0
-32.5°	615.9	386.5	126.8	0.0
-35°	603.8	368.3	120.8	0.0
-37.5°	585.7	350.2	120.8	0.0
-40°	567.6	332.1	114.7	0.0
-42.5°	549.5	314.0	108.7	0.0
-45°	525.3	295.9	108.7	0.0
-47.5°	507.2	277.8	102.7	0.0
-50°	477.0	253.6	96.6	0.0
-52.5°	440.8	229.5	90.6	0.0
-55°	404.6	211.3	84.5	0.0
-57.5°	368.3	187.2	84.5	0.0
-60°	332.1	163.0	78.5	0.0
-62.5°	295.9	151.0	72.5	0.0
-65°	259.6	138.9	66.4	0.0
-67.5°	217.4	120.8	60.4	0.0
-70°	181.1	108.7	54.3	0.0
-72.5°	157.0	96.6	48.3	0.0
-75°	132.8	84.5	42.3	0.0
-77.5°	114.7	72.5	36.2	0.0
-80°	90.6	54.3	24.2	0.0
-82.5°	66.4	42.3	18.1	0.0
-85°	42.3	30.2	12.1	0.0
-87.5°	24.2	12.1	6.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)