

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: P722277

Luminaire Tested: **IFLD-L-SA8D-930-U-76**

Issue Date: 10/26/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P722277  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 10/26/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-L-SA8D-930-U-76  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens  
Light Source: (128) 3000K CCT, 90 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

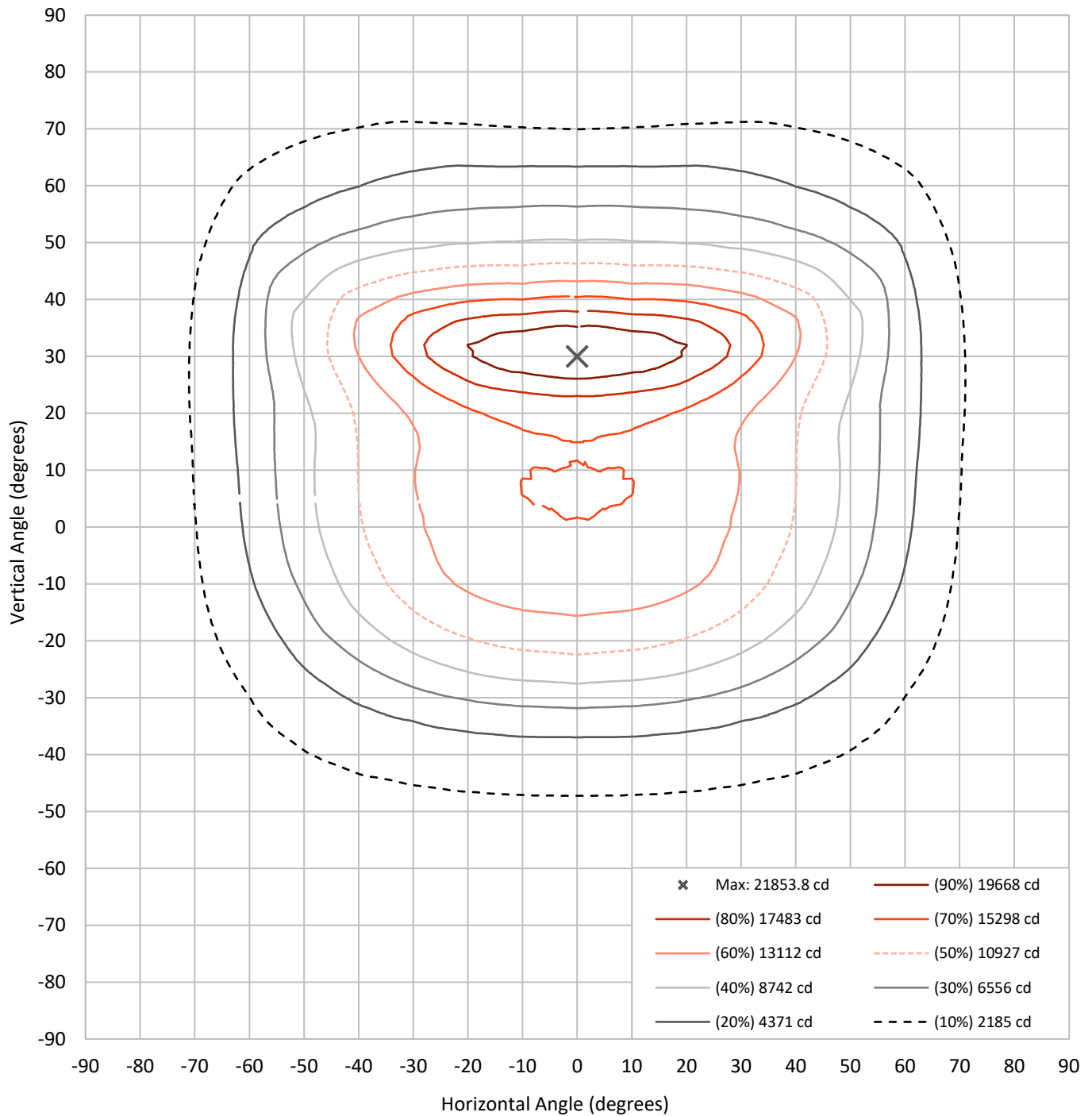
Lumens per Lamp: N/A	NEMA Type: 7H x 6V
Luminaire Lumens: 36479.5 lumens	Max Intensity: 21853.8 candela
Efficiency: N/A	Max Intensity Angle: 0°H x 30°V
Efficacy: 74.7 lumens/watt	
Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')	
Beam Angle (50%): 90.8°H x 68.8°V	Field Angle (10%): 142°H x 117.1°V
Beam Lumens: 21213.2 lumens	Field Lumens: 34186 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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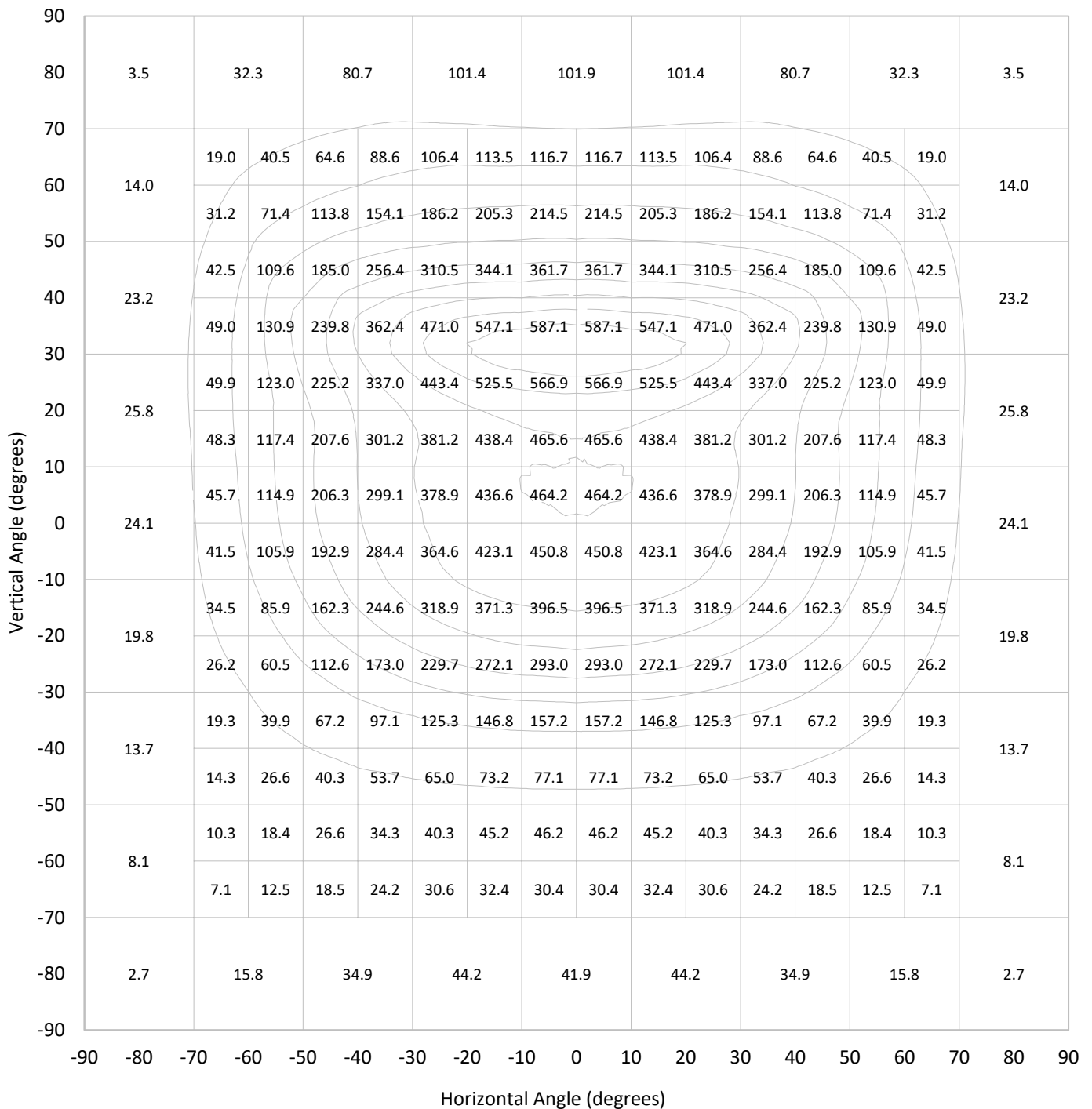
### Iso-Candela Plot





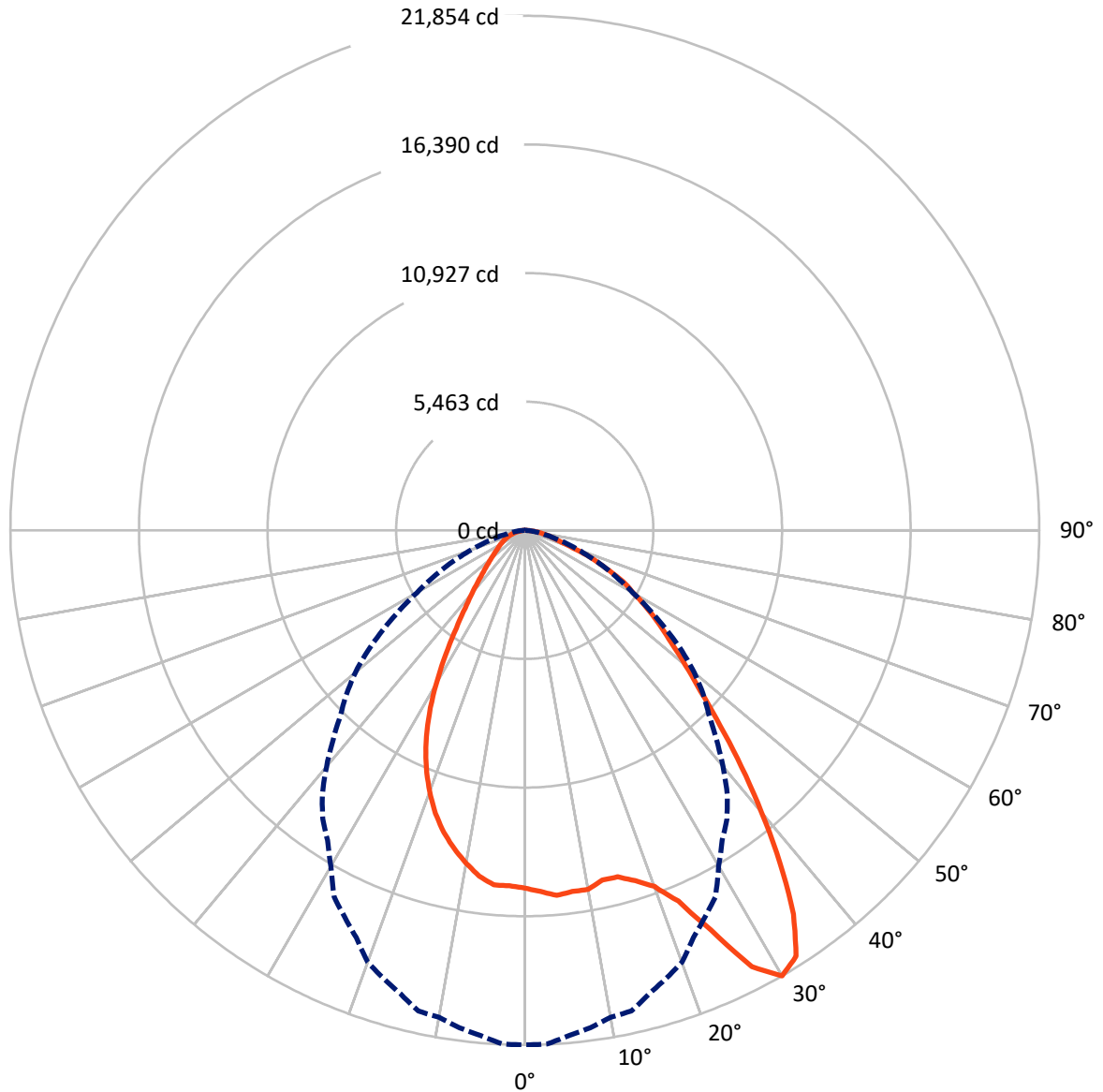
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### Lumen Table



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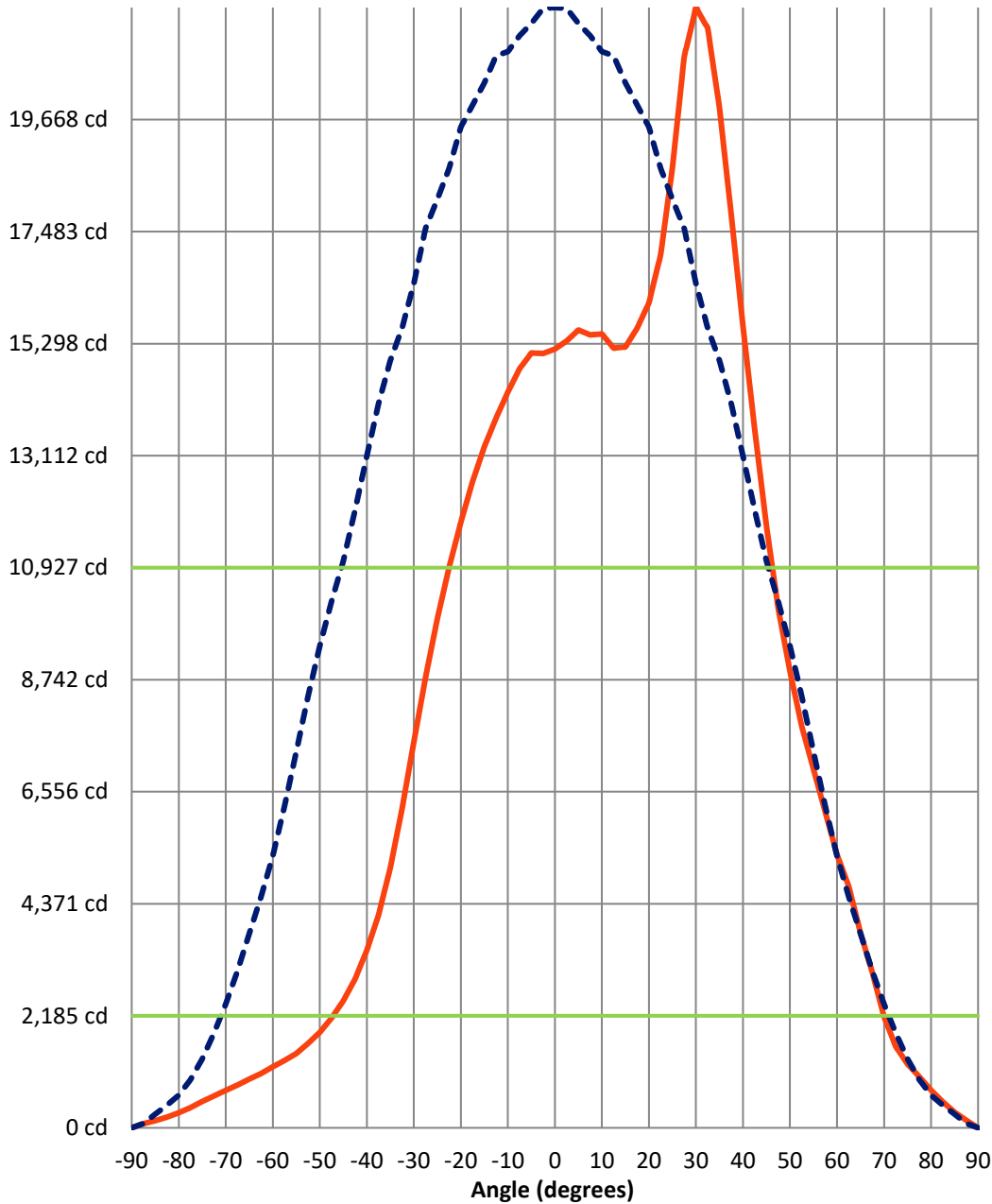
### Luminous Intensity Polar Plot



— 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: 21213.2  
 Efficiency: 58.2%

**Field:**  
 H Angle: 142°  
 V Angle: 117.1°  
 Lumens: 34186  
 Efficiency: 93.7%

**Spill:**  
 Lumens: 2293.5  
 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°	146.9	150.7	154.6	154.6	150.7	150.7	150.7	146.9	150.7	150.7	150.7
85°	305.3	313.0	320.8	316.9	313.0	305.3	297.6	301.4	305.3	309.2	309.2
82.5°	506.3	517.8	525.6	521.7	514.0	506.3	498.5	502.4	510.1	514.0	514.0
80°	734.3	738.1	742.0	749.7	738.1	738.1	734.3	749.7	757.4	765.2	772.9
77.5°	997.0	1000.9	1000.9	1004.8	1008.6	1012.5	1012.5	1039.6	1058.9	1070.5	1082.1
75°	1244.4	1256.0	1267.6	1279.2	1294.6	1302.3	1313.9	1352.6	1383.5	1406.7	1429.9
72.5°	1584.4	1599.9	1619.2	1646.3	1673.3	1692.7	1719.7	1766.1	1800.9	1824.0	1851.1
70°	2168.0	2183.4	2202.8	2222.1	2249.1	2268.5	2295.5	2353.5	2388.3	2403.7	2419.2
67.5°	3033.6	3072.3	3107.1	3068.4	3049.1	3022.0	3029.8	3083.9	3118.7	3141.8	3138.0
65°	3802.7	3829.7	3829.7	3825.9	3810.4	3775.6	3794.9	3860.6	3899.3	3918.6	3860.6
62.5°	4707.0	4707.0	4687.6	4718.6	4722.4	4699.2	4687.6	4691.5	4695.4	4707.0	4610.4
60°	5333.0	5371.7	5383.3	5410.3	5418.0	5418.0	5437.4	5452.8	5452.8	5429.6	5317.6
57.5°	6160.0	6233.5	6248.9	6229.6	6190.9	6140.7	6133.0	6109.8	6063.4	6017.0	5962.9
55°	6994.8	7033.4	7029.5	7017.9	6979.3	6921.3	6929.1	6898.1	6824.7	6766.8	6693.3
52.5°	7833.4	7926.1	7941.6	7918.4	7864.3	7802.4	7806.3	7771.5	7698.1	7636.3	7535.8
50°	8903.8	8981.1	8973.4	8934.7	8857.5	8811.1	8814.9	8749.2	8664.2	8644.9	8513.5
47.5°	10128.9	10217.8	10202.3	10148.2	10043.9	10024.5	10043.9	9958.8	9908.6	9866.1	9711.5
45°	11736.5	11840.9	11782.9	11678.5	11512.4	11531.7	11558.7	11543.3	11435.1	11323.0	11125.9
42.5°	13622.4	13688.1	13618.5	13514.2	13305.5	13344.1	13328.7	13235.9	13170.2	12984.8	12733.6
40°	15639.7	15782.7	15674.4	15512.1	15295.7	15353.7	15311.2	15191.4	15036.8	14804.9	14488.0
37.5°	17815.4	17927.5	17803.8	17614.4	17421.2	17401.9	17316.9	17131.4	16911.1	16656.0	16149.8
35°	19898.4	20188.2	19960.2	19658.8	19423.0	19334.1	19253.0	18824.0	18572.8	18159.3	17467.6
32.5°	21448.0	21660.6	21378.5	21065.4	20779.5	20655.8	20369.8	19859.7	19724.5	18854.9	18221.2
30°	21853.8	21838.3	21544.6	21305.0	20995.9	20910.9	20385.3	19952.5	19519.6	18715.8	18113.0
27.5°	20887.7	20791.1	20508.9	20300.3	19995.0	19894.5	19376.6	19144.8	18476.2	17796.1	17285.9
25°	18735.1	18785.4	18572.8	18468.5	18267.5	18051.1	17846.3	17533.3	17115.9	16520.8	16053.2
22.5°	17038.6	17104.3	17015.4	16891.8	16737.2	16617.4	16462.8	16219.3	15817.4	15450.3	15009.8
20°	16095.7	16076.4	15999.1	15906.3	15759.5	15674.4	15504.4	15299.6	14990.4	14673.5	14198.2
17.5°	15601.0	15481.2	15407.8	15373.0	15295.7	15187.5	14986.6	14777.9	14538.3	14178.9	13831.1
15°	15233.9	15253.2	15195.2	15168.2	15106.4	14955.6	14750.8	14580.8	14256.2	14074.5	13757.7
12.5°	15210.7	15191.4	15195.2	15183.7	15106.4	14913.1	14808.8	14592.4	14383.7	14144.1	13780.8
10°	15485.1	15280.3	15295.7	15349.8	15226.2	15071.6	14959.5	14723.8	14526.7	14221.4	13862.0
7.5°	15469.6	15365.3	15396.2	15307.3	15346.0	15156.6	15002.0	14766.3	14519.0	14194.3	13869.7
5°	15562.4	15403.9	15376.9	15384.6	15288.0	15145.0	14936.3	14712.2	14480.3	14117.1	13784.7
2.5°	15349.8	15373.0	15249.4	15203.0	15191.4	14951.8	14758.6	14542.1	14302.5	13981.8	13684.2
0°	15191.4	15233.9	15106.4	15040.7	15036.8	14832.0	14708.3	14461.0	14291.0	14024.3	13664.9
-2.5°	15106.4	15156.6	15172.1	15052.3	14936.3	14777.9	14569.2	14302.5	14024.3	13715.1	13406.0
-5°	15114.1	15013.6	14971.1	15009.8	14909.3	14750.8	14519.0	14283.2	14008.8	13676.5	13290.0
-7.5°	14808.8	14708.3	14700.6	14681.3	14658.1	14507.4	14314.1	14059.1	13780.8	13471.7	13112.3
-10°	14352.8	14279.4	14260.0	14240.7	14178.9	14090.0	13908.4	13676.5	13425.3	13116.1	12733.6
-12.5°	13846.5	13811.8	13738.3	13688.1	13626.3	13521.9	13348.0	13135.5	12884.3	12609.9	12281.4
-15°	13286.2	13220.5	13147.1	13104.5	13015.7	12892.0	12718.1	12521.0	12246.6	11976.1	11667.0
-17.5°	12609.9	12528.7	12447.6	12436.0	12374.2	12184.8	12022.5	11782.9	11543.3	11284.4	10982.9
-20°	11813.8	11701.7	11647.6	11616.7	11531.7	11392.6	11218.7	10998.4	10766.5	10519.2	10171.4



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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°	10932.7	10836.1	10743.3	10685.4	10611.9	10503.7	10337.6	10144.3	9916.3	9638.1	9317.3
-25°	9931.8	9796.5	9738.6	9672.9	9634.2	9533.7	9371.4	9193.7	8957.9	8687.4	8382.1
-27.5°	8787.9	8679.7	8648.8	8556.0	8509.6	8405.3	8270.0	8103.9	7887.5	7632.4	7381.2
-30°	7524.2	7458.5	7408.3	7315.5	7280.7	7168.7	7079.8	6940.7	6743.6	6561.9	6361.0
-32.5°	6225.7	6160.0	6144.6	6102.1	6078.9	6005.4	5905.0	5804.5	5646.0	5510.8	5348.5
-35°	5074.1	5027.7	5031.6	5027.7	5004.5	4950.4	4826.8	4799.7	4683.8	4560.1	4455.8
-37.5°	4154.3	4158.2	4154.3	4150.5	4119.6	4096.4	4007.5	3972.7	3903.2	3783.4	3721.5
-40°	3462.6	3470.3	3466.5	3458.7	3424.0	3412.4	3354.4	3308.0	3281.0	3195.9	3130.3
-42.5°	2902.2	2913.8	2910.0	2906.1	2882.9	2879.1	2848.1	2794.0	2778.6	2728.3	2658.8
-45°	2477.2	2473.3	2465.6	2473.3	2461.7	2450.1	2430.8	2396.0	2376.7	2353.5	2295.5
-47.5°	2140.9	2144.8	2137.1	2137.1	2121.6	2110.0	2102.3	2079.1	2063.6	2044.3	2009.5
-50°	1862.7	1878.2	1874.3	1870.4	1858.8	1851.1	1851.1	1827.9	1804.7	1797.0	1773.8
-52.5°	1646.3	1657.9	1661.7	1669.5	1673.3	1677.2	1665.6	1642.4	1603.8	1599.9	1588.3
-55°	1449.2	1484.0	1507.2	1522.6	1538.1	1549.7	1526.5	1495.6	1456.9	1441.5	1437.6
-57.5°	1313.9	1348.7	1375.8	1399.0	1418.3	1437.6	1414.4	1383.5	1348.7	1329.4	1325.5
-60°	1190.3	1221.2	1248.2	1279.2	1306.2	1337.1	1325.5	1302.3	1283.0	1267.6	1252.1
-62.5°	1058.9	1089.8	1120.7	1159.4	1194.1	1225.0	1228.9	1225.0	1221.2	1225.0	1198.0
-65°	950.7	966.1	985.4	1028.0	1066.6	1101.4	1120.7	1132.3	1151.6	1170.9	1143.9
-67.5°	834.7	854.1	877.2	908.2	939.1	962.3	989.3	1020.2	1051.1	1082.1	1062.7
-70°	730.4	745.9	765.2	780.6	800.0	815.4	838.6	873.4	908.2	939.1	931.3
-72.5°	622.2	637.6	649.2	657.0	668.6	676.3	687.9	718.8	742.0	757.4	757.4
-75°	514.0	529.4	541.0	544.9	552.6	556.5	564.2	575.8	587.4	591.3	595.1
-77.5°	394.2	409.6	421.2	429.0	436.7	444.4	448.3	456.0	459.9	459.9	463.7
-80°	293.7	305.3	313.0	324.6	328.5	336.2	343.9	347.8	351.7	351.7	355.5
-82.5°	208.7	216.4	224.1	231.9	239.6	243.5	251.2	255.1	258.9	262.8	266.7
-85°	139.1	146.9	154.6	162.3	166.2	170.0	173.9	177.8	181.6	185.5	189.4
-87.5°	81.2	85.0	88.9	96.6	100.5	108.2	112.1	108.2	112.1	112.1	112.1
-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°	150.7	150.7	150.7	150.7	146.9	139.1	135.3	127.5	119.8	112.1	104.3
85°	313.0	316.9	316.9	316.9	309.2	305.3	293.7	282.1	266.7	243.5	224.1
82.5°	521.7	525.6	525.6	521.7	514.0	502.4	486.9	467.6	436.7	405.8	378.7
80°	784.5	788.4	788.4	784.5	765.2	745.9	726.5	703.3	664.7	622.2	575.8
77.5°	1097.5	1105.2	1105.2	1093.7	1066.6	1043.4	1012.5	973.9	915.9	854.1	792.2
75°	1460.8	1480.1	1484.0	1472.4	1437.6	1395.1	1344.8	1279.2	1190.3	1113.0	1039.6
72.5°	1882.0	1901.3	1916.8	1901.3	1851.1	1793.1	1719.7	1642.4	1553.5	1449.2	1325.5
70°	2434.6	2454.0	2465.6	2415.3	2326.4	2229.8	2140.9	2052.1	1947.7	1820.2	1684.9
67.5°	3130.3	3110.9	3087.7	2987.3	2875.2	2759.3	2635.6	2504.2	2368.9	2233.7	2075.2
65°	3798.8	3744.7	3694.5	3574.7	3431.7	3281.0	3138.0	2991.1	2828.8	2658.8	2508.1
62.5°	4502.2	4386.2	4262.6	4115.7	3968.9	3802.7	3659.7	3485.8	3304.2	3095.5	2902.2
60°	5193.9	5054.8	4931.1	4749.5	4556.3	4332.1	4177.5	4007.5	3794.9	3570.8	3342.8
57.5°	5862.5	5711.7	5576.5	5418.0	5209.4	4965.9	4795.9	4575.6	4351.4	4069.3	3837.5
55°	6573.5	6422.8	6314.6	6136.8	5908.8	5684.7	5499.2	5267.3	4954.3	4652.9	4366.9
52.5°	7388.9	7269.1	7153.2	6971.6	6697.2	6469.2	6264.4	6005.4	5677.0	5306.0	4962.0
50°	8301.0	8239.1	8115.5	7902.9	7589.9	7388.9	7118.4	6774.5	6422.8	6032.5	5603.5
47.5°	9510.6	9410.1	9236.2	9004.3	8741.5	8440.1	8076.8	7674.9	7176.4	6743.6	6287.6
45°	10955.9	10770.4	10546.2	10233.2	9908.6	9568.5	9170.5	8660.4	7991.8	7427.6	6948.4
42.5°	12521.0	12269.8	11964.5	11554.9	11133.7	10716.3	10287.3	9591.7	8757.0	8107.7	7566.7
40°	14155.7	13834.9	13452.4	12857.2	12389.6	11852.4	11361.7	10322.1	9433.3	8729.9	8154.1
37.5°	15755.6	15349.8	14708.3	13985.7	13440.8	13000.2	11922.0	10809.0	10012.9	9240.0	8656.5
35°	16980.7	16636.7	15504.4	14754.7	14287.1	13591.5	12242.8	11102.7	10260.3	9618.8	8710.6
32.5°	17707.2	16818.3	15825.2	15067.7	14681.3	13541.2	12266.0	11187.8	10376.2	9657.4	8571.5
30°	17544.9	16470.5	15601.0	14967.2	14128.6	13104.5	12049.5	11056.4	10268.0	9398.5	8416.9
27.5°	16567.2	15736.3	14959.5	14298.7	13475.5	12555.8	11581.9	10708.6	9974.3	9131.8	8204.4
25°	15461.9	14708.3	14132.5	13556.7	12776.1	11898.8	11040.9	10411.0	9672.9	8842.0	7926.1
22.5°	14445.5	13904.5	13452.4	12849.5	12088.2	11323.0	10789.7	10136.6	9379.2	8536.7	7640.1
20°	13796.3	13429.2	12911.3	12246.6	11647.6	11168.4	10577.2	9885.4	9104.8	8223.7	7396.7
17.5°	13483.3	13058.2	12482.4	12049.5	11589.7	11064.1	10403.3	9669.0	8838.1	8080.7	7423.7
15°	13321.0	12872.7	12494.0	12068.9	11551.0	10998.4	10264.1	9502.8	8838.1	8138.7	7443.0
12.5°	13355.7	12969.3	12555.8	12092.0	11535.6	10944.3	10279.6	9572.4	8884.5	8181.2	7446.9
10°	13463.9	13058.2	12617.6	12103.6	11543.3	10959.7	10322.1	9614.9	8907.7	8200.5	7439.2
7.5°	13502.6	13062.0	12590.6	12072.7	11524.0	10952.0	10329.8	9626.5	8911.6	8196.6	7416.0
5°	13382.8	12984.8	12528.7	12007.0	11469.9	10913.4	10298.9	9611.0	8880.6	8158.0	7358.0
2.5°	13220.5	12899.7	12463.0	11960.7	11415.8	10859.3	10248.7	9541.5	8811.1	8088.4	7284.6
0°	13193.4	12795.4	12354.8	11906.6	11326.9	10739.5	10132.7	9410.1	8683.6	7957.0	7157.1
-2.5°	13015.7	12594.4	12153.9	11667.0	11156.8	10565.6	9927.9	9220.7	8501.9	7787.0	7017.9
-5°	12880.4	12412.8	11945.2	11419.6	10905.6	10314.4	9653.5	8965.7	8262.3	7566.7	6824.7
-7.5°	12698.8	12219.6	11728.8	11180.0	10623.5	10020.7	9367.6	8679.7	7987.9	7296.2	6585.1
-10°	12331.6	11910.4	11450.5	10882.5	10295.1	9692.2	9043.0	8366.7	7674.9	6975.4	6260.5
-12.5°	11887.2	11442.8	10940.4	10418.7	9893.1	9332.8	8683.6	8018.9	7323.2	6619.9	5908.8
-15°	11311.4	10874.7	10360.7	9850.6	9344.4	8807.2	8235.3	7636.3	6929.1	6237.3	5526.2
-17.5°	10592.6	10183.0	9723.1	9236.2	8733.8	8192.8	7636.3	7130.0	6469.2	5820.0	5116.6
-20°	9819.7	9437.1	9023.6	8563.8	8061.4	7531.9	7006.4	6476.9	5905.0	5333.0	4679.9



REPORT NUMBER: P722277

CATALOG NUMBER: IFLD-L-SA8D-930-U-76

**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	9015.9	8629.4	8212.1	7783.1	7319.4	6828.6	6341.7	5835.4	5333.0	4815.2	4262.6
-25°	8088.4	7748.3	7365.8	6948.4	6534.9	6105.9	5642.2	5182.3	4753.3	4305.1	3852.9
-27.5°	7118.4	6805.4	6457.6	6094.3	5738.8	5379.4	4977.5	4552.4	4196.9	3825.9	3451.0
-30°	6098.2	5847.0	5564.9	5248.0	4973.6	4683.8	4347.6	3995.9	3671.3	3389.2	3087.7
-32.5°	5132.1	4919.5	4718.6	4509.9	4239.4	4015.2	3783.4	3524.4	3238.5	2971.8	2755.4
-35°	4301.2	4073.2	3988.2	3833.6	3640.4	3443.3	3273.2	3087.7	2871.3	2635.6	2457.8
-37.5°	3601.7	3466.5	3346.7	3261.6	3134.1	2975.7	2840.4	2705.2	2539.0	2361.2	2183.4
-40°	3056.8	2964.1	2832.7	2790.2	2709.0	2600.8	2461.7	2357.4	2245.3	2110.0	1959.3
-42.5°	2620.1	2550.6	2465.6	2392.1	2357.4	2280.1	2171.9	2071.4	1982.5	1889.7	1773.8
-45°	2260.7	2214.4	2160.3	2094.6	2067.5	2005.7	1928.4	1816.3	1766.1	1688.8	1603.8
-47.5°	1970.9	1947.7	1909.1	1866.6	1827.9	1781.5	1712.0	1642.4	1572.9	1522.6	1456.9
-50°	1742.9	1727.4	1704.2	1669.5	1619.2	1588.3	1541.9	1480.1	1414.4	1371.9	1325.5
-52.5°	1561.3	1545.8	1530.3	1503.3	1464.6	1433.7	1395.1	1344.8	1290.7	1248.2	1209.6
-55°	1422.1	1399.0	1387.4	1364.2	1333.3	1298.5	1263.7	1228.9	1182.5	1143.9	1105.2
-57.5°	1313.9	1283.0	1267.6	1248.2	1217.3	1182.5	1155.5	1120.7	1089.8	1047.3	1012.5
-60°	1228.9	1194.1	1163.2	1143.9	1116.8	1082.1	1055.0	1028.0	997.0	962.3	919.8
-62.5°	1159.4	1116.8	1074.3	1051.1	1024.1	993.2	966.1	939.1	908.2	873.4	834.7
-65°	1093.7	1043.4	989.3	966.1	939.1	908.2	873.4	854.1	827.0	796.1	757.4
-67.5°	1012.5	958.4	912.0	885.0	857.9	830.9	800.0	780.6	753.6	714.9	676.3
-70°	892.7	857.9	827.0	803.8	780.6	757.4	726.5	695.6	664.7	629.9	595.1
-72.5°	742.0	730.4	726.5	714.9	687.9	660.8	629.9	599.0	571.9	544.9	517.8
-75°	599.0	606.7	614.5	610.6	583.5	556.5	529.4	502.4	483.1	459.9	436.7
-77.5°	475.3	483.1	490.8	490.8	471.5	456.0	436.7	417.4	401.9	382.6	359.4
-80°	367.1	378.7	390.3	398.0	382.6	371.0	355.5	340.1	324.6	309.2	293.7
-82.5°	278.2	289.8	301.4	309.2	297.6	289.8	278.2	266.7	255.1	239.6	228.0
-85°	201.0	208.7	216.4	220.3	212.5	204.8	197.1	189.4	181.6	170.0	162.3
-87.5°	115.9	119.8	123.7	127.5	119.8	112.1	108.2	100.5	96.6	88.9	85.0
-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: P722277  
 CATALOG NUMBER: IFLD-L-SA8D-930-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°	96.6	88.9	81.2	77.3	69.6	58.0	50.2	42.5	34.8	27.1	23.2
85°	204.8	185.5	162.3	150.7	135.3	119.8	104.3	88.9	73.4	58.0	42.5
82.5°	351.7	328.5	305.3	278.2	243.5	201.0	158.4	131.4	108.2	85.0	65.7
80°	529.4	486.9	448.3	413.5	374.9	320.8	262.8	208.7	146.9	112.1	85.0
77.5°	734.3	684.0	629.9	571.9	510.1	436.7	371.0	301.4	228.0	154.6	108.2
75°	966.1	900.4	827.0	745.9	664.7	568.1	475.3	394.2	309.2	216.4	131.4
72.5°	1225.0	1143.9	1055.0	946.8	819.3	707.2	595.1	486.9	386.5	274.4	177.8
70°	1557.4	1429.9	1298.5	1182.5	1020.2	842.5	711.1	587.4	459.9	336.2	224.1
67.5°	1912.9	1758.4	1599.9	1429.9	1225.0	1016.4	827.0	687.9	537.2	394.2	266.7
65°	2299.4	2106.2	1905.2	1715.8	1433.7	1186.4	973.9	784.5	610.6	448.3	309.2
62.5°	2697.4	2469.4	2237.6	1990.2	1665.6	1360.3	1113.0	892.7	680.2	498.5	347.8
60°	3122.5	2855.9	2573.8	2264.6	1885.9	1549.7	1244.4	1004.8	753.6	548.8	390.3
57.5°	3570.8	3281.0	2948.6	2531.3	2113.9	1731.3	1395.1	1105.2	819.3	595.1	421.2
55°	4057.7	3725.4	3362.1	2809.5	2338.0	1912.9	1545.8	1205.7	888.8	633.8	452.1
52.5°	4583.3	4196.9	3737.0	3103.2	2573.8	2098.4	1684.9	1294.6	954.5	676.3	479.2
50°	5170.7	4683.8	4065.5	3373.7	2778.6	2272.3	1824.0	1391.2	1008.6	722.7	502.4
47.5°	5781.3	5255.7	4359.2	3624.9	2987.3	2442.4	1967.0	1476.2	1062.7	761.3	525.6
45°	6418.9	5653.8	4664.5	3849.1	3168.9	2597.0	2075.2	1553.5	1128.4	796.1	544.9
42.5°	7048.9	5955.2	4931.1	4073.2	3338.9	2736.1	2164.1	1627.0	1182.5	830.9	564.2
40°	7346.4	6183.2	5143.7	4227.8	3481.9	2859.7	2241.4	1692.7	1228.9	854.1	583.5
37.5°	7470.1	6322.3	5282.8	4374.6	3594.0	2925.4	2307.1	1750.6	1267.6	877.2	599.0
35°	7497.1	6372.6	5352.3	4475.1	3686.7	2987.3	2357.4	1793.1	1298.5	900.4	614.5
32.5°	7446.9	6357.1	5371.7	4509.9	3744.7	3033.6	2392.1	1824.0	1321.7	923.6	629.9
30°	7334.8	6276.0	5302.1	4506.0	3787.2	3060.7	2415.3	1847.2	1344.8	939.1	637.6
27.5°	7153.2	6133.0	5213.2	4509.9	3810.4	3072.3	2426.9	1858.8	1360.3	950.7	653.1
25°	6929.1	5939.8	5217.1	4502.2	3814.3	3076.1	2426.9	1858.8	1364.2	954.5	664.7
22.5°	6670.1	5939.8	5217.1	4490.6	3791.1	3068.4	2415.3	1851.1	1364.2	962.3	676.3
20°	6685.6	5943.6	5205.5	4467.4	3756.3	3045.2	2388.3	1831.8	1352.6	973.9	684.0
17.5°	6697.2	5935.9	5182.3	4436.5	3709.9	3006.6	2353.5	1804.7	1352.6	985.4	687.9
15°	6697.2	5912.7	5147.5	4390.1	3652.0	2952.5	2303.2	1781.5	1356.4	989.3	695.6
12.5°	6685.6	5870.2	5093.4	4328.3	3582.4	2886.8	2272.3	1773.8	1356.4	993.2	695.6
10°	6662.4	5812.2	5023.9	4251.0	3516.7	2863.6	2256.9	1758.4	1348.7	993.2	695.6
7.5°	6619.9	5742.7	4965.9	4204.6	3478.1	2836.5	2233.7	1735.2	1337.1	985.4	703.3
5°	6554.2	5704.0	4919.5	4150.5	3424.0	2817.2	2218.2	1715.8	1329.4	985.4	695.6
2.5°	6469.2	5657.6	4865.4	4080.9	3362.1	2751.5	2168.0	1673.3	1302.3	970.0	687.9
0°	6330.1	5564.9	4772.7	3984.3	3277.1	2685.8	2117.8	1630.8	1275.3	954.5	680.2
-2.5°	6202.5	5441.2	4652.9	3883.8	3195.9	2627.9	2079.1	1607.6	1263.7	950.7	676.3
-5°	6024.8	5271.2	4494.4	3752.4	3087.7	2569.9	2040.5	1580.6	1252.1	942.9	676.3
-7.5°	5827.7	5093.4	4328.3	3617.2	2979.5	2469.4	1967.0	1538.1	1225.0	927.5	672.4
-10°	5522.4	4826.8	4119.6	3462.6	2863.6	2380.5	1905.2	1499.4	1201.9	912.0	657.0
-12.5°	5197.8	4533.1	3880.0	3273.2	2732.2	2287.8	1835.6	1456.9	1174.8	896.6	649.2
-15°	4853.8	4231.6	3628.8	3076.1	2589.2	2175.7	1762.2	1410.5	1147.8	877.2	637.6
-17.5°	4494.4	3914.7	3369.9	2875.2	2446.2	2059.8	1684.9	1368.0	1116.8	857.9	626.1
-20°	4115.7	3590.1	3107.1	2670.4	2295.5	1943.8	1603.8	1317.8	1082.1	834.7	610.6



REPORT NUMBER: P722277

CATALOG NUMBER: IFLD-L-SA8D-930-U-76

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	3740.8	3269.4	2836.5	2469.4	2140.9	1824.0	1522.6	1267.6	1043.4	807.7	599.0
-25°	3408.5	2967.9	2597.0	2276.2	1990.2	1708.1	1437.6	1217.3	1000.9	780.6	583.5
-27.5°	3083.9	2709.0	2361.2	2094.6	1843.4	1596.0	1356.4	1163.2	958.4	749.7	568.1
-30°	2782.4	2461.7	2175.7	1916.8	1704.2	1495.6	1286.9	1109.1	912.0	718.8	548.8
-32.5°	2508.1	2249.1	2009.5	1762.2	1572.9	1395.1	1221.2	1055.0	865.7	687.9	529.4
-35°	2253.0	2052.1	1843.4	1634.7	1441.5	1302.3	1151.6	997.0	823.1	653.1	510.1
-37.5°	2025.0	1862.7	1696.5	1518.8	1352.6	1213.5	1085.9	939.1	780.6	622.2	490.8
-40°	1827.9	1696.5	1549.7	1406.7	1267.6	1136.2	1020.2	881.1	738.1	599.0	471.5
-42.5°	1646.3	1545.8	1426.0	1306.2	1182.5	1066.6	954.5	819.3	695.6	571.9	452.1
-45°	1507.2	1406.7	1310.1	1201.9	1097.5	997.0	885.0	765.2	657.0	541.0	432.8
-47.5°	1375.8	1286.9	1198.0	1109.1	1024.1	931.3	819.3	718.8	614.5	514.0	417.4
-50°	1259.8	1174.8	1097.5	1020.2	946.8	857.9	753.6	672.4	579.7	486.9	398.0
-52.5°	1151.6	1078.2	1000.9	939.1	877.2	788.4	703.3	626.1	544.9	456.0	378.7
-55°	1055.0	985.4	915.9	857.9	800.0	722.7	653.1	587.4	510.1	432.8	359.4
-57.5°	962.3	904.3	838.6	784.5	726.5	664.7	606.7	544.9	475.3	409.6	340.1
-60°	877.2	823.1	765.2	711.1	660.8	610.6	556.5	506.3	444.4	382.6	320.8
-62.5°	792.2	745.9	695.6	641.5	602.9	556.5	514.0	463.7	413.5	359.4	286.0
-65°	714.9	672.4	626.1	579.7	544.9	510.1	471.5	425.1	382.6	332.3	255.1
-67.5°	637.6	599.0	560.4	521.7	490.8	463.7	425.1	390.3	355.5	301.4	224.1
-70°	564.2	533.3	498.5	467.6	444.4	413.5	386.5	355.5	324.6	262.8	189.4
-72.5°	494.7	463.7	436.7	413.5	394.2	367.1	343.9	320.8	278.2	220.3	158.4
-75°	413.5	394.2	378.7	359.4	340.1	320.8	301.4	274.4	231.9	177.8	123.7
-77.5°	340.1	328.5	316.9	301.4	286.0	270.5	247.3	220.3	185.5	139.1	100.5
-80°	278.2	266.7	258.9	243.5	231.9	216.4	193.2	170.0	135.3	108.2	81.2
-82.5°	212.5	204.8	197.1	189.4	177.8	162.3	139.1	119.8	100.5	81.2	61.8
-85°	150.7	146.9	139.1	131.4	119.8	108.2	92.7	81.2	69.6	54.1	42.5
-87.5°	77.3	73.4	69.6	65.7	61.8	54.1	46.4	38.6	34.8	27.1	19.3
-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: P722277

CATALOG NUMBER: IFLD-L-SA8D-930-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	15.5	11.6	3.9	0.0
85°	30.9	19.3	7.7	0.0
82.5°	46.4	30.9	11.6	0.0
80°	61.8	38.6	19.3	0.0
77.5°	77.3	46.4	23.2	0.0
75°	92.7	58.0	27.1	0.0
72.5°	104.3	65.7	30.9	0.0
70°	123.7	77.3	34.8	0.0
67.5°	154.6	85.0	38.6	0.0
65°	181.6	92.7	42.5	0.0
62.5°	212.5	100.5	46.4	0.0
60°	239.6	108.2	50.2	0.0
57.5°	266.7	127.5	54.1	0.0
55°	289.8	143.0	58.0	0.0
52.5°	316.9	158.4	61.8	0.0
50°	340.1	173.9	65.7	0.0
47.5°	359.4	189.4	65.7	0.0
45°	374.9	201.0	69.6	0.0
42.5°	386.5	212.5	73.4	0.0
40°	398.0	224.1	77.3	0.0
37.5°	409.6	235.7	77.3	0.0
35°	421.2	247.3	81.2	0.0
32.5°	432.8	258.9	81.2	0.0
30°	440.6	266.7	85.0	0.0
27.5°	452.1	274.4	85.0	0.0
25°	456.0	282.1	88.9	0.0
22.5°	463.7	286.0	88.9	0.0
20°	471.5	293.7	88.9	0.0
17.5°	475.3	297.6	92.7	0.0
15°	475.3	301.4	96.6	0.0
12.5°	479.2	305.3	96.6	0.0
10°	479.2	313.0	92.7	0.0
7.5°	486.9	309.2	92.7	0.0
5°	483.1	309.2	92.7	0.0
2.5°	479.2	305.3	92.7	0.0
0°	475.3	305.3	92.7	0.0
-2.5°	475.3	305.3	92.7	0.0
-5°	475.3	305.3	92.7	0.0
-7.5°	471.5	309.2	92.7	0.0
-10°	463.7	309.2	92.7	0.0
-12.5°	459.9	297.6	92.7	0.0
-15°	456.0	293.7	92.7	0.0
-17.5°	448.3	289.8	88.9	0.0
-20°	440.6	286.0	88.9	0.0



REPORT NUMBER: P722277

CATALOG NUMBER: IFLD-L-SA8D-930-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
-22.5°	432.8	278.2	88.9	0.0
-25°	425.1	270.5	85.0	0.0
-27.5°	417.4	262.8	85.0	0.0
-30°	405.8	255.1	81.2	0.0
-32.5°	394.2	247.3	81.2	0.0
-35°	386.5	235.7	77.3	0.0
-37.5°	374.9	224.1	77.3	0.0
-40°	363.3	212.5	73.4	0.0
-42.5°	351.7	201.0	69.6	0.0
-45°	336.2	189.4	69.6	0.0
-47.5°	324.6	177.8	65.7	0.0
-50°	305.3	162.3	61.8	0.0
-52.5°	282.1	146.9	58.0	0.0
-55°	258.9	135.3	54.1	0.0
-57.5°	235.7	119.8	54.1	0.0
-60°	212.5	104.3	50.2	0.0
-62.5°	189.4	96.6	46.4	0.0
-65°	166.2	88.9	42.5	0.0
-67.5°	139.1	77.3	38.6	0.0
-70°	115.9	69.6	34.8	0.0
-72.5°	100.5	61.8	30.9	0.0
-75°	85.0	54.1	27.1	0.0
-77.5°	73.4	46.4	23.2	0.0
-80°	58.0	34.8	15.5	0.0
-82.5°	42.5	27.1	11.6	0.0
-85°	27.1	19.3	7.7	0.0
-87.5°	15.5	7.7	3.9	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)