

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: P722535

Luminaire Tested: **IFLD-L-SA8A-750-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722535
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA8A-750-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (128) 5000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

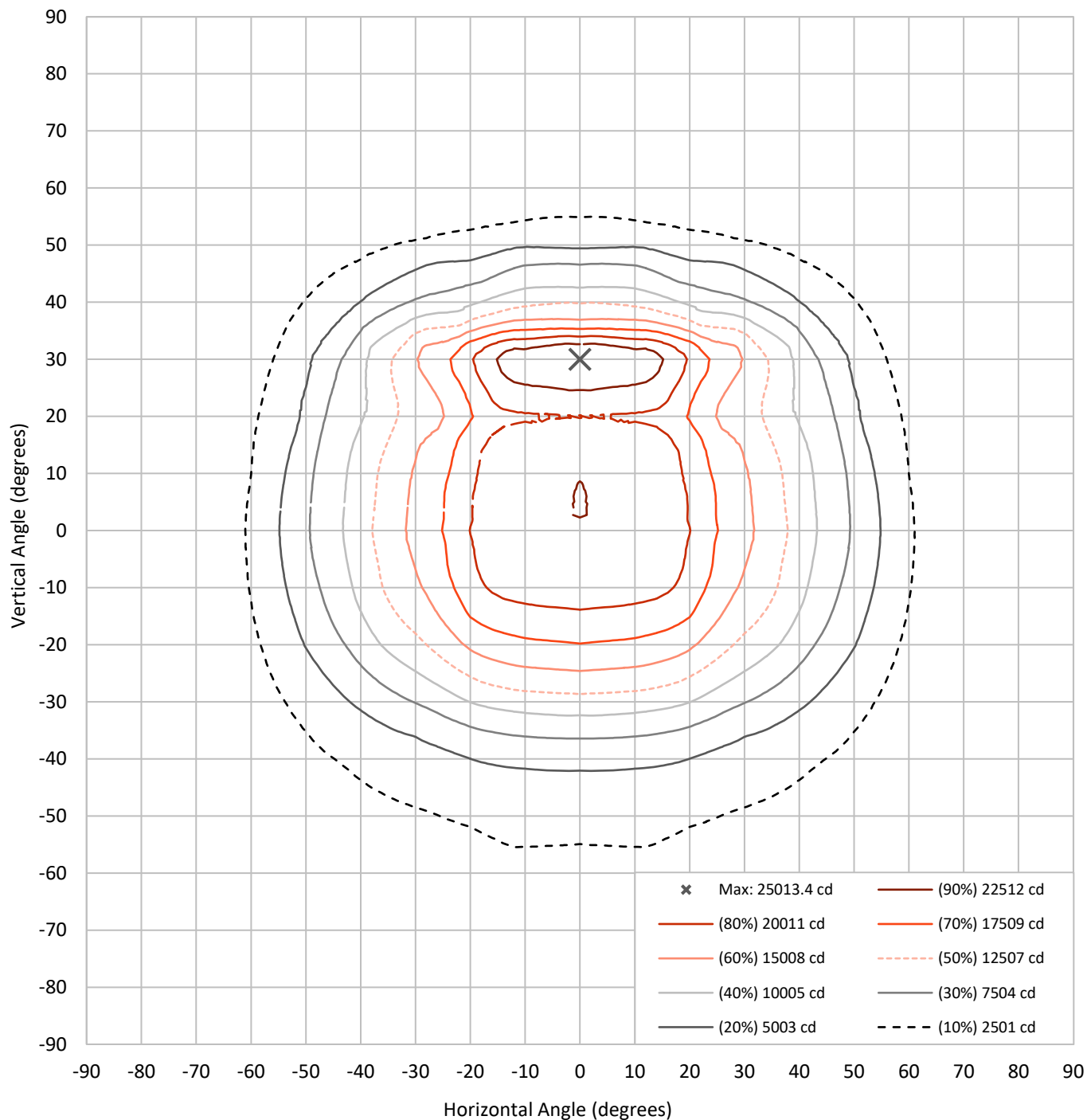
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	35830.1 lumens	Max Intensity:	25013.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	144.6 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	68.6°H x 68.4°V	Field Angle (10%):	111.9°H x 109.7°V
Beam Lumens:	22858.1 lumens	Field Lumens:	33779.8 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%
Input Watts (W):	247.8		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	28.75 FT		



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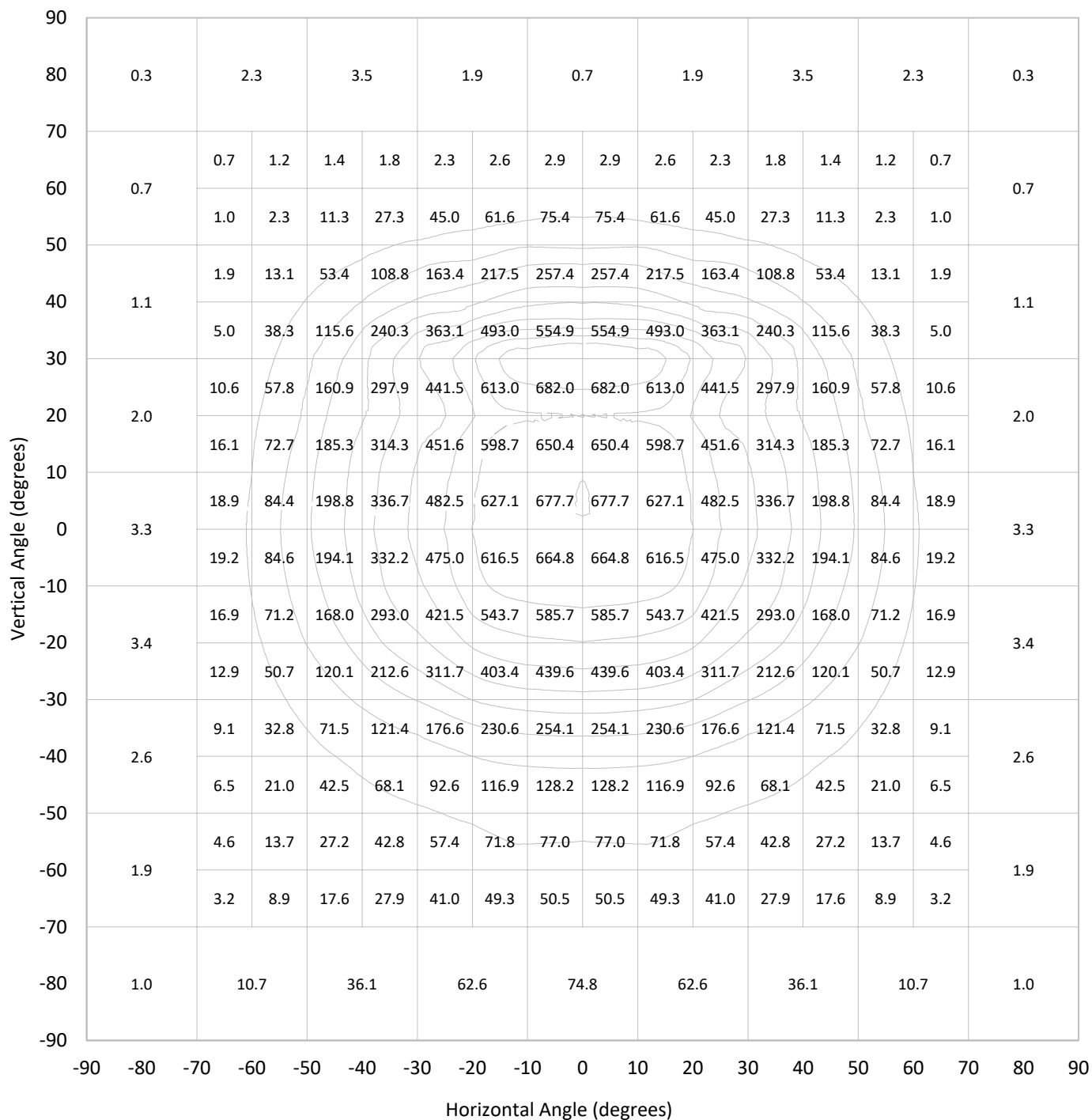
Iso-Candela Plot



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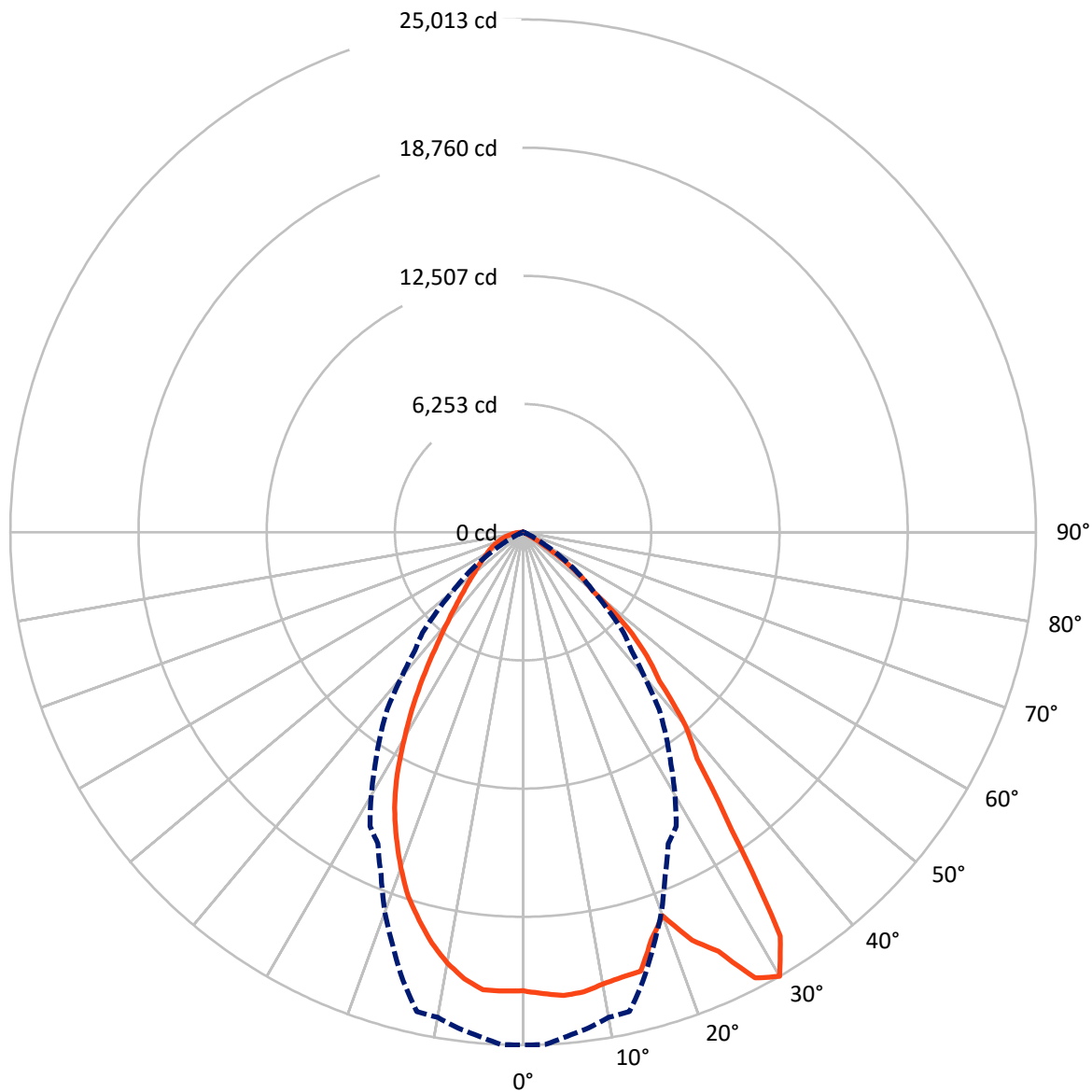
Lumen Table



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Luminous Intensity Polar Plot



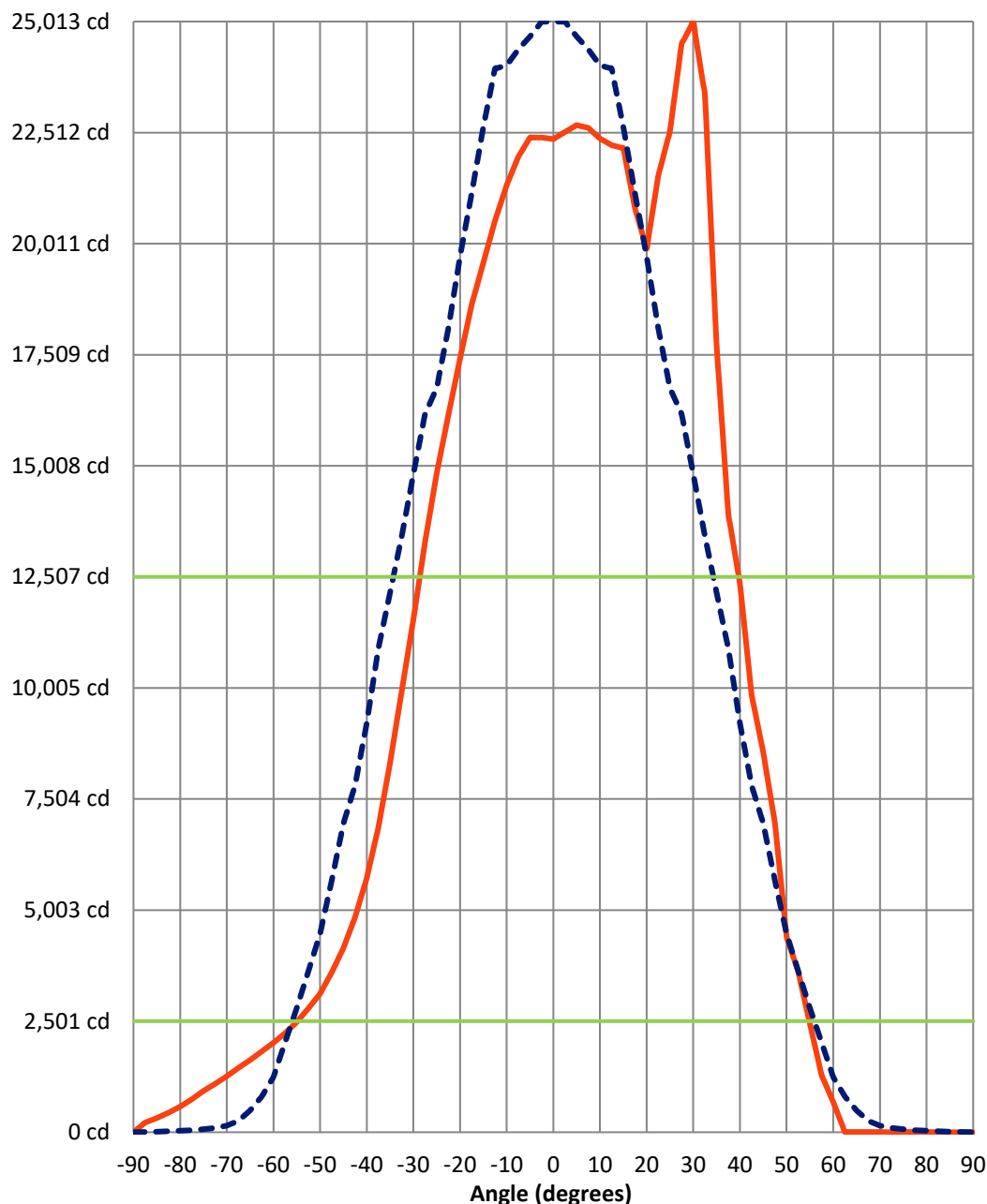
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 22858.1

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 33779.8

Efficiency: 94.3%

Spill:

Lumens: 2050.3

Efficiency: 5.7%

— Vertical Distribution through 0-Deg

- - - Horizontal Distribution through 30-Deg

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FIELD
BEAM

CANDELA DISTRIBUTION:

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	5.7	5.7	5.7	5.7	5.7	5.7	5.7
85°	0.0	5.7	5.7	5.7	11.4	11.4	11.4	11.4	11.4	11.4	17.1
82.5°	0.0	5.7	5.7	5.7	11.4	11.4	11.4	11.4	17.1	17.1	22.8
80°	5.7	5.7	5.7	5.7	11.4	11.4	11.4	17.1	17.1	22.8	22.8
77.5°	5.7	5.7	5.7	11.4	11.4	11.4	17.1	17.1	22.8	22.8	28.5
75°	5.7	5.7	5.7	11.4	11.4	17.1	17.1	17.1	22.8	22.8	28.5
72.5°	0.0	5.7	5.7	11.4	11.4	17.1	17.1	17.1	22.8	22.8	22.8
70°	5.7	5.7	5.7	11.4	11.4	17.1	17.1	17.1	22.8	22.8	22.8
67.5°	5.7	5.7	5.7	11.4	11.4	17.1	17.1	22.8	22.8	22.8	28.5
65°	5.7	5.7	5.7	11.4	17.1	17.1	22.8	28.5	28.5	34.2	39.9
62.5°	5.7	11.4	11.4	17.1	22.8	28.5	62.7	97.0	97.0	68.5	57.0
60°	678.8	735.9	730.2	661.7	576.1	484.9	467.8	450.6	416.4	365.1	382.2
57.5°	1289.2	1357.6	1386.1	1369.0	1323.4	1243.5	1197.9	1146.6	1078.1	998.3	907.0
55°	2441.4	2470.0	2407.2	2287.4	2156.2	2025.0	1979.4	1910.9	1808.3	1705.6	1568.7
52.5°	3610.8	3707.8	3679.3	3559.5	3382.7	3148.8	2892.1	2692.4	2572.6	2458.6	2321.7
50°	4409.4	4449.4	4529.2	4671.8	4723.2	4563.5	4147.0	3610.8	3228.6	3422.6	3274.3
47.5°	6959.3	7158.9	7119.0	7016.3	6845.2	6411.7	5829.8	5350.6	4951.3	4820.1	4843.0
45°	8550.8	8630.6	8602.1	8556.5	8476.6	8071.6	7427.0	6691.2	6320.4	6172.1	6018.1
42.5°	9857.1	9942.6	9959.7	9965.4	9879.9	9509.1	8927.3	8191.4	7820.6	7392.8	7056.2
40°	12349.8	12475.3	12332.7	12144.5	11859.3	11437.2	10866.7	10187.9	9531.9	9007.1	8607.8
37.5°	13941.3	14095.4	14152.4	14141.0	14078.3	13895.7	13194.1	12549.5	11545.5	10370.4	10581.5
35°	17717.6	17877.3	17831.7	17660.6	17569.3	17375.3	16690.8	15926.4	14665.8	13388.0	13045.8
32.5°	23347.8	23695.7	23045.4	22332.4	21893.2	22047.2	21351.3	19480.2	18898.4	16593.9	15527.1
30°	25013.4	25007.7	24676.9	24386.0	24026.6	23952.4	22640.4	21145.9	19719.8	18105.5	16759.3
27.5°	24505.7	24403.1	24123.6	23912.5	23575.9	23399.1	22115.6	20929.1	19280.6	17837.4	16536.8
25°	22549.2	22629.0	22343.8	22303.9	22172.7	21830.4	21191.5	19856.7	18385.0	16787.8	15852.3
22.5°	21539.5	21511.0	21168.7	20969.1	21128.8	20763.7	20507.0	19160.8	17626.3	16280.1	15156.4
20°	19896.7	19902.4	19816.8	19799.7	19702.7	19537.3	19331.9	18379.3	17295.5	16143.2	14791.3
17.5°	20815.0	21048.9	21151.6	20301.7	20541.2	20353.0	20136.2	18807.1	17991.4	16970.3	15207.7
15°	22161.3	22075.7	21973.0	21927.4	21796.2	21619.4	21225.8	20164.8	18761.5	17706.2	16331.5
12.5°	22229.7	22064.3	22024.4	22018.7	21881.8	21636.5	21254.3	20375.8	19132.3	17848.8	16730.8
10°	22378.0	22206.9	22184.1	22212.6	22001.5	21847.5	21465.3	20649.6	19246.4	18094.1	17038.8
7.5°	22617.6	22332.4	22463.6	22378.0	22281.1	22035.8	21625.1	20826.5	19662.8	18419.2	17312.6
5°	22680.4	22366.6	22509.2	22429.4	22286.8	22047.2	21602.2	20940.5	19919.5	18550.4	17421.0
2.5°	22526.3	22435.1	22372.3	22224.0	22161.3	21898.9	21476.7	20769.4	19799.7	18493.4	17398.2
0°	22366.6	22446.5	22303.9	22155.6	22127.0	21916.0	21556.6	20917.7	20079.2	18653.1	17592.1
-2.5°	22400.8	22338.1	22241.1	22087.1	21938.8	21636.5	21311.3	20712.4	19811.1	18305.1	17318.3
-5°	22400.8	22109.9	22121.3	22127.0	21978.7	21665.0	21271.4	20763.7	19651.4	18299.4	17238.4
-7.5°	21967.3	21716.3	21676.4	21642.2	21602.2	21311.3	21003.3	20370.1	19383.3	18151.1	17016.0
-10°	21328.4	21083.2	21106.0	21054.6	20929.1	20735.2	20501.3	19930.9	19120.9	17683.4	16565.3
-12.5°	20529.8	20421.5	20358.7	20273.1	20147.6	19976.5	19736.9	19200.7	18333.7	17107.2	16046.2
-15°	19582.9	19503.1	19446.0	19394.7	19212.1	19035.3	18721.6	18225.3	17683.4	16365.7	15281.9
-17.5°	18636.0	18436.3	18356.5	18288.0	18168.2	17883.0	17597.8	17227.0	16468.4	15424.5	14494.7
-20°	17421.0	17301.2	17204.2	17112.9	16941.8	16719.3	16485.5	16057.6	15401.7	14557.4	13593.4

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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°	16148.9	16080.5	16000.6	15886.5	15772.4	15561.4	15236.2	14825.5	14312.1	13399.4	12498.2
-25°	14836.9	14705.7	14608.8	14500.4	14409.1	14215.2	13901.4	13507.8	12863.2	12076.0	11323.1
-27.5°	13291.1	13165.6	13114.2	12988.7	12908.9	12732.0	12418.3	12053.2	11471.4	10809.7	10045.3
-30°	11545.5	11568.4	11511.3	11391.5	11294.5	11066.4	10826.8	10518.8	10062.4	9429.2	8744.7
-32.5°	9931.2	9959.7	9891.3	9765.8	9640.3	9474.9	9252.4	8972.9	8630.6	8026.0	7432.7
-35°	8316.9	8305.5	8248.4	8174.3	8088.7	7951.8	7700.8	7489.8	7096.2	6674.0	6263.3
-37.5°	6868.0	6896.5	6879.4	6839.5	6742.5	6628.4	6423.1	6229.1	5938.2	5567.4	5248.0
-40°	5721.4	5755.7	5732.8	5692.9	5607.3	5538.9	5402.0	5230.9	4997.0	4677.5	4409.4
-42.5°	4843.0	4865.8	4837.3	4803.0	4728.9	4677.5	4569.2	4426.5	4232.6	3987.3	3747.7
-45°	4147.0	4152.7	4124.2	4101.4	4044.4	3981.6	3890.3	3776.3	3622.2	3451.1	3257.2
-47.5°	3599.4	3593.7	3565.2	3542.4	3496.7	3439.7	3365.5	3262.9	3143.1	3011.9	2857.9
-50°	3120.3	3148.8	3137.4	3114.6	3080.3	3040.4	2966.2	2857.9	2738.1	2641.1	2532.7
-52.5°	2789.4	2795.1	2789.4	2789.4	2783.7	2755.2	2669.6	2561.2	2430.0	2344.5	2253.2
-55°	2481.4	2509.9	2521.3	2532.7	2538.4	2538.4	2435.7	2321.7	2196.2	2110.6	2042.1
-57.5°	2230.4	2247.5	2258.9	2287.4	2310.2	2327.4	2236.1	2133.4	2036.4	1956.6	1893.8
-60°	2013.6	2036.4	2053.6	2082.1	2099.2	2110.6	2053.6	1985.1	1928.1	1876.7	1785.5
-62.5°	1819.7	1836.8	1853.9	1871.0	1888.1	1899.5	1876.7	1842.5	1814.0	1791.2	1677.1
-65°	1625.7	1642.8	1660.0	1682.8	1699.9	1711.3	1705.6	1682.8	1660.0	1637.1	1534.5
-67.5°	1448.9	1466.0	1488.8	1494.5	1505.9	1511.6	1500.2	1483.1	1454.6	1426.1	1346.2
-70°	1260.7	1272.1	1283.5	1283.5	1283.5	1277.8	1266.4	1243.5	1215.0	1175.1	1112.3
-72.5°	1089.5	1100.9	1112.3	1095.2	1083.8	1066.7	1049.6	1021.1	992.6	964.0	929.8
-75°	929.8	935.5	935.5	912.7	895.6	878.5	855.6	838.5	810.0	787.2	758.7
-77.5°	741.6	741.6	741.6	724.4	713.0	701.6	684.5	667.4	644.6	627.5	604.7
-80°	576.1	576.1	576.1	570.4	553.3	541.9	530.5	519.1	502.0	490.6	479.2
-82.5°	439.2	439.2	439.2	433.5	422.1	416.4	405.0	393.6	387.9	376.5	370.8
-85°	319.4	325.1	325.1	319.4	313.7	302.3	296.6	290.9	285.2	279.5	268.1
-87.5°	216.8	216.8	216.8	211.1	205.4	205.4	199.7	188.2	176.8	171.1	165.4
-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°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
85°	17.1	17.1	17.1	22.8	22.8	22.8	22.8	22.8	22.8	22.8	17.1
82.5°	28.5	28.5	34.2	34.2	39.9	39.9	39.9	39.9	39.9	39.9	39.9
80°	28.5	34.2	39.9	45.6	51.3	57.0	57.0	57.0	57.0	51.3	51.3
77.5°	34.2	34.2	39.9	45.6	51.3	57.0	62.7	68.5	62.7	62.7	62.7
75°	34.2	39.9	39.9	45.6	51.3	57.0	62.7	68.5	68.5	68.5	68.5
72.5°	28.5	34.2	39.9	45.6	45.6	51.3	57.0	57.0	62.7	62.7	68.5
70°	28.5	34.2	39.9	39.9	45.6	45.6	51.3	57.0	57.0	62.7	62.7
67.5°	34.2	39.9	39.9	45.6	51.3	51.3	51.3	57.0	57.0	62.7	62.7
65°	39.9	45.6	45.6	51.3	57.0	57.0	62.7	62.7	62.7	68.5	68.5
62.5°	68.5	68.5	68.5	62.7	68.5	68.5	68.5	74.2	74.2	68.5	74.2
60°	353.7	256.7	176.8	222.5	199.7	91.3	91.3	91.3	85.6	85.6	79.9
57.5°	832.8	775.8	667.4	564.7	507.7	450.6	279.5	114.1	114.1	102.7	91.3
55°	1391.9	1203.6	1123.8	986.8	838.5	770.1	638.9	433.5	205.4	136.9	119.8
52.5°	2156.2	1979.4	1774.0	1494.5	1294.9	1135.2	1026.8	815.7	547.6	290.9	182.5
50°	2886.4	2806.5	2681.0	2407.2	1990.8	1722.7	1545.9	1306.3	981.1	599.0	342.3
47.5°	4649.0	3981.6	3576.6	3365.5	3017.6	2509.9	2167.6	1899.5	1505.9	1009.7	604.7
45°	5852.6	5430.5	4785.9	4341.0	3827.6	3291.4	2846.5	2538.4	2070.7	1511.6	946.9
42.5°	6885.1	6520.0	5938.2	5287.9	4746.0	4044.4	3473.9	3068.9	2675.3	2065.0	1414.7
40°	8214.2	7780.7	7221.7	6588.5	5955.3	5059.7	4135.6	3645.1	3211.5	2669.6	1910.9
37.5°	10404.7	9640.3	8727.6	8026.0	7198.8	6440.2	5173.8	4306.8	3793.4	3228.6	2492.8
35°	13040.1	12201.5	10678.5	9748.7	8642.0	7512.6	6371.7	5088.2	4358.1	3759.1	3029.0
32.5°	15492.9	14266.5	12315.6	11226.1	10490.2	8408.2	7227.4	6115.0	4939.9	4204.1	3337.0
30°	16171.7	14819.8	13422.3	12150.2	10895.2	9212.5	7814.9	6947.9	5670.1	4472.2	3627.9
27.5°	15487.2	14557.4	13473.6	12292.8	10935.2	9492.0	8174.3	7347.2	6206.3	4654.7	3856.1
25°	14791.3	13821.6	13062.9	12076.0	10821.1	9474.9	8185.7	7598.1	6622.7	5008.4	3981.6
22.5°	14055.4	13450.8	12823.3	11722.4	10535.9	9526.2	8556.5	7814.9	6839.5	5407.7	4033.0
20°	14095.4	13701.8	13011.5	11539.8	10484.5	9828.5	9001.4	8088.7	7073.4	5755.7	4072.9
17.5°	14734.2	14220.9	13353.8	12076.0	10946.6	10136.6	9372.2	8465.2	7312.9	6063.7	4557.7
15°	15521.4	14740.0	13833.0	12709.2	11431.4	10473.1	9657.4	8727.6	7586.7	6348.9	4991.3
12.5°	16091.9	14979.5	14129.6	13114.2	11956.2	10838.2	9845.6	8927.3	7843.4	6582.8	5316.4
10°	16285.8	15276.2	14272.2	13365.2	12224.3	11032.1	9988.3	9052.7	8065.9	6765.3	5556.0
7.5°	16388.5	15532.9	14369.2	13479.3	12384.1	11151.9	10102.3	9121.2	8242.7	6890.8	5710.0
5°	16377.1	15669.8	14443.3	13513.5	12469.6	11203.3	10182.2	9138.3	8368.2	6999.2	5801.3
2.5°	16325.8	15761.0	14563.1	13570.6	12640.8	11300.2	10336.2	9172.5	8413.9	7119.0	5864.0
0°	16514.0	15766.7	14688.6	13587.7	12754.9	11334.5	10404.7	9144.0	8351.1	7153.2	5858.3
-2.5°	16109.0	15430.2	14660.1	13439.4	12600.8	11254.6	10279.2	9052.7	8214.2	7113.3	5835.5
-5°	16040.5	15184.9	14420.5	13302.5	12344.1	11089.2	10045.3	8881.6	7997.5	6982.1	5744.2
-7.5°	15858.0	14951.0	14186.6	13194.1	12104.6	10918.1	9822.8	8704.8	7763.6	6776.7	5613.0
-10°	15458.7	14591.6	13935.6	12960.2	11813.6	10672.8	9554.7	8470.9	7489.8	6497.2	5407.7
-12.5°	14888.3	14021.2	13370.9	12463.9	11448.6	10341.9	9235.3	8168.6	7176.0	6200.6	5162.4
-15°	14243.7	13365.2	12714.9	11887.8	10906.7	9828.5	8830.3	7786.4	6816.7	5886.9	4871.5
-17.5°	13513.5	12680.7	12053.2	11248.9	10273.5	9246.7	8254.1	7307.2	6400.2	5561.7	4534.9
-20°	12669.3	11859.3	11283.1	10478.8	9583.3	8585.0	7621.0	6725.4	5909.7	5122.5	4164.2

REPORT NUMBER: P722535

CATALOG NUMBER: IFLD-L-SA8A-750-U-76-VI

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	11625.4	10912.4	10256.4	9537.6	8756.1	7843.4	6947.9	6155.0	5373.5	4603.4	3782.0
-25°	10558.7	9868.5	9229.6	8573.6	7826.3	7039.1	6274.7	5556.0	4791.6	4095.7	3411.2
-27.5°	9372.2	8756.1	8185.7	7581.0	6896.5	6217.7	5590.2	4888.6	4226.9	3633.6	3046.1
-30°	8105.8	7603.9	7107.6	6571.4	6018.1	5447.6	4888.6	4226.9	3707.8	3234.3	2738.1
-32.5°	6890.8	6440.2	6040.9	5641.6	5162.4	4694.7	4198.4	3707.8	3274.3	2857.9	2441.4
-35°	5824.1	5344.9	5122.5	4803.0	4420.8	3998.7	3593.7	3251.5	2903.5	2527.0	2156.2
-37.5°	4900.0	4592.0	4329.6	4090.0	3787.7	3422.6	3131.7	2852.2	2561.2	2219.0	1899.5
-40°	4175.6	3953.1	3690.7	3513.9	3268.6	3006.2	2715.3	2481.4	2236.1	1956.6	1694.2
-42.5°	3593.7	3411.2	3240.1	3051.8	2869.3	2646.8	2395.8	2173.3	1950.9	1745.5	1528.8
-45°	3114.6	2983.4	2846.5	2692.4	2532.7	2338.8	2133.4	1905.2	1745.5	1563.0	1380.4
-47.5°	2721.0	2624.0	2509.9	2390.1	2253.2	2082.1	1893.8	1728.4	1563.0	1409.0	1232.1
-50°	2407.2	2316.0	2224.7	2122.0	2002.2	1853.9	1711.3	1557.3	1403.3	1254.9	1089.5
-52.5°	2144.8	2065.0	1990.8	1905.2	1791.2	1665.7	1534.5	1397.6	1254.9	1106.6	975.4
-55°	1962.3	1871.0	1796.9	1711.3	1608.6	1488.8	1369.0	1243.5	1106.6	992.6	884.2
-57.5°	1814.0	1711.3	1625.7	1534.5	1431.8	1329.1	1220.7	1106.6	1004.0	895.6	792.9
-60°	1688.5	1568.7	1471.7	1380.4	1283.5	1186.5	1095.2	998.3	901.3	804.3	701.6
-62.5°	1557.3	1431.8	1312.0	1226.4	1152.3	1066.7	986.8	895.6	810.0	713.0	638.9
-65°	1409.0	1289.2	1175.1	1100.9	1032.5	958.3	884.2	804.3	730.2	656.0	587.5
-67.5°	1243.5	1140.9	1061.0	992.6	924.1	861.4	792.9	724.4	661.7	587.5	519.1
-70°	1043.9	986.8	941.2	889.9	827.1	770.1	707.3	644.6	576.1	513.4	450.6
-72.5°	889.9	855.6	821.4	770.1	713.0	661.7	610.4	553.3	496.3	439.2	387.9
-75°	730.2	701.6	673.1	638.9	593.2	553.3	507.7	456.3	410.7	370.8	330.9
-77.5°	587.5	564.7	547.6	519.1	484.9	450.6	422.1	387.9	353.7	313.7	273.8
-80°	467.8	456.3	450.6	439.2	410.7	382.2	359.4	330.9	296.6	268.1	239.6
-82.5°	365.1	365.1	359.4	353.7	330.9	308.0	290.9	268.1	245.3	222.5	193.9
-85°	268.1	262.4	262.4	256.7	239.6	228.2	211.1	199.7	182.5	159.7	148.3
-87.5°	159.7	154.0	148.3	142.6	131.2	125.5	114.1	108.4	97.0	85.6	79.9
-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: P722535

CATALOG NUMBER: IFLD-L-SA8A-750-U-76-VI

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°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	0.0	0.0
85°	17.1	11.4	11.4	11.4	11.4	11.4	5.7	5.7	5.7	5.7	5.7
82.5°	34.2	34.2	28.5	28.5	22.8	17.1	11.4	11.4	11.4	5.7	5.7
80°	51.3	51.3	51.3	45.6	39.9	28.5	22.8	17.1	11.4	5.7	5.7
77.5°	62.7	57.0	57.0	51.3	51.3	45.6	34.2	28.5	17.1	11.4	5.7
75°	62.7	62.7	62.7	57.0	57.0	51.3	45.6	34.2	28.5	17.1	11.4
72.5°	68.5	62.7	62.7	62.7	57.0	51.3	45.6	39.9	34.2	22.8	11.4
70°	62.7	62.7	62.7	62.7	57.0	57.0	45.6	39.9	39.9	22.8	17.1
67.5°	62.7	62.7	62.7	57.0	57.0	51.3	45.6	39.9	39.9	28.5	17.1
65°	68.5	62.7	62.7	62.7	57.0	51.3	45.6	39.9	39.9	34.2	22.8
62.5°	74.2	68.5	68.5	62.7	57.0	51.3	45.6	39.9	39.9	34.2	22.8
60°	79.9	74.2	68.5	68.5	62.7	57.0	45.6	45.6	39.9	34.2	22.8
57.5°	85.6	79.9	79.9	74.2	68.5	62.7	51.3	45.6	39.9	34.2	28.5
55°	102.7	91.3	85.6	85.6	79.9	68.5	57.0	45.6	39.9	34.2	28.5
52.5°	136.9	108.4	97.0	97.0	91.3	79.9	62.7	51.3	39.9	34.2	28.5
50°	216.8	136.9	114.1	102.7	102.7	91.3	74.2	57.0	39.9	34.2	28.5
47.5°	342.3	228.2	136.9	119.8	114.1	108.4	85.6	57.0	45.6	34.2	28.5
45°	564.7	336.6	222.5	142.6	119.8	114.1	97.0	62.7	45.6	39.9	28.5
42.5°	775.8	524.8	342.3	171.1	142.6	125.5	102.7	68.5	51.3	39.9	28.5
40°	1220.7	718.7	479.2	279.5	165.4	131.2	114.1	79.9	51.3	39.9	28.5
37.5°	1654.3	952.6	644.6	410.7	188.2	148.3	119.8	85.6	57.0	39.9	34.2
35°	2087.8	1334.8	798.6	547.6	251.0	176.8	125.5	91.3	57.0	39.9	34.2
32.5°	2475.7	1694.2	958.3	684.5	376.5	211.1	136.9	97.0	62.7	45.6	34.2
30°	2795.1	2025.0	1243.5	804.3	490.6	256.7	148.3	97.0	68.5	45.6	34.2
27.5°	3034.7	2281.7	1534.5	929.8	587.5	302.3	171.1	108.4	68.5	45.6	34.2
25°	3228.6	2481.4	1791.2	1061.0	673.1	376.5	205.4	114.1	74.2	51.3	34.2
22.5°	3382.7	2646.8	2002.2	1237.8	775.8	450.6	251.0	125.5	74.2	51.3	34.2
20°	3593.7	2812.2	2144.8	1426.1	884.2	519.1	290.9	136.9	74.2	51.3	39.9
17.5°	3776.3	2977.7	2258.9	1585.8	992.6	570.4	336.6	148.3	79.9	51.3	39.9
15°	3987.3	3137.4	2361.6	1711.3	1095.2	616.1	376.5	159.7	79.9	57.0	39.9
12.5°	4215.5	3285.7	2435.7	1814.0	1203.6	656.0	410.7	182.5	85.6	57.0	39.9
10°	4449.4	3411.2	2498.5	1888.1	1283.5	695.9	433.5	205.4	91.3	57.0	39.9
7.5°	4683.2	3525.3	2578.4	1922.4	1317.7	741.6	444.9	228.2	91.3	62.7	39.9
5°	4843.0	3599.4	2692.4	1945.2	1334.8	792.9	462.0	256.7	97.0	62.7	39.9
2.5°	4979.9	3645.1	2812.2	1962.3	1340.5	821.4	456.3	273.8	102.7	62.7	39.9
0°	5042.6	3645.1	2892.1	1950.9	1323.4	849.9	456.3	290.9	102.7	62.7	39.9
-2.5°	4945.6	3747.7	2869.3	1956.6	1329.1	849.9	479.2	296.6	114.1	68.5	39.9
-5°	4791.6	3787.7	2800.8	1928.1	1317.7	849.9	507.7	302.3	119.8	68.5	45.6
-7.5°	4643.3	3804.8	2721.0	1899.5	1300.6	827.1	513.4	296.6	131.2	74.2	45.6
-10°	4449.4	3616.5	2618.3	1848.2	1266.4	810.0	524.8	296.6	136.9	74.2	45.6
-12.5°	4226.9	3388.4	2492.8	1774.0	1226.4	792.9	530.5	296.6	142.6	79.9	45.6
-15°	3970.2	3154.5	2350.2	1694.2	1169.4	770.1	519.1	290.9	148.3	79.9	51.3
-17.5°	3679.3	2926.3	2201.9	1597.2	1106.6	741.6	496.3	285.2	148.3	79.9	51.3
-20°	3348.4	2698.1	2036.4	1500.2	1032.5	707.3	473.5	273.8	148.3	79.9	51.3



REPORT NUMBER: P722535

CATALOG NUMBER: IFLD-L-SA8A-750-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	3051.8	2487.1	1865.3	1391.9	952.6	667.4	444.9	262.4	148.3	85.6	51.3
-25°	2806.5	2281.7	1734.1	1283.5	867.1	621.8	416.4	251.0	148.3	85.6	51.3
-27.5°	2549.8	2059.3	1597.2	1180.8	810.0	581.8	387.9	239.6	142.6	85.6	51.3
-30°	2287.4	1842.5	1454.6	1066.7	753.0	541.9	365.1	222.5	142.6	85.6	51.3
-32.5°	2047.8	1665.7	1323.4	952.6	690.2	502.0	342.3	216.8	136.9	85.6	51.3
-35°	1814.0	1505.9	1186.5	861.4	621.8	462.0	319.4	211.1	136.9	85.6	51.3
-37.5°	1620.0	1357.6	1061.0	798.6	581.8	427.8	296.6	199.7	131.2	85.6	51.3
-40°	1460.3	1220.7	941.2	730.2	547.6	393.6	273.8	193.9	131.2	85.6	51.3
-42.5°	1312.0	1089.5	867.1	673.1	513.4	370.8	256.7	188.2	125.5	85.6	51.3
-45°	1180.8	975.4	792.9	621.8	473.5	342.3	245.3	176.8	119.8	85.6	57.0
-47.5°	1049.6	895.6	724.4	576.1	433.5	308.0	233.9	171.1	114.1	79.9	57.0
-50°	946.9	810.0	667.4	524.8	393.6	296.6	222.5	159.7	114.1	79.9	57.0
-52.5°	855.6	730.2	604.7	473.5	359.4	279.5	211.1	148.3	108.4	79.9	57.0
-55°	770.1	656.0	541.9	422.1	336.6	262.4	193.9	136.9	108.4	79.9	57.0
-57.5°	684.5	587.5	479.2	382.2	308.0	245.3	182.5	136.9	108.4	79.9	57.0
-60°	616.1	524.8	433.5	353.7	285.2	222.5	165.4	131.2	102.7	79.9	57.0
-62.5°	559.0	473.5	393.6	319.4	262.4	199.7	159.7	131.2	102.7	79.9	51.3
-65°	502.0	427.8	353.7	290.9	233.9	188.2	154.0	125.5	102.7	79.9	51.3
-67.5°	444.9	376.5	319.4	256.7	216.8	182.5	148.3	125.5	97.0	74.2	51.3
-70°	387.9	330.9	279.5	239.6	205.4	171.1	142.6	119.8	97.0	68.5	45.6
-72.5°	342.3	290.9	251.0	222.5	193.9	165.4	136.9	114.1	91.3	62.7	39.9
-75°	290.9	256.7	228.2	199.7	176.8	154.0	131.2	102.7	79.9	57.0	39.9
-77.5°	245.3	222.5	199.7	182.5	159.7	136.9	114.1	91.3	74.2	51.3	34.2
-80°	211.1	193.9	176.8	159.7	142.6	119.8	102.7	79.9	62.7	45.6	28.5
-82.5°	171.1	159.7	142.6	131.2	119.8	102.7	85.6	68.5	45.6	34.2	22.8
-85°	131.2	119.8	114.1	102.7	91.3	74.2	57.0	45.6	34.2	22.8	11.4
-87.5°	68.5	62.7	57.0	51.3	45.6	34.2	28.5	22.8	17.1	11.4	5.7
-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: P722535

CATALOG NUMBER: IFLD-L-SA8A-750-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0
80°	5.7	0.0	0.0	0.0
77.5°	5.7	0.0	0.0	0.0
75°	5.7	5.7	0.0	0.0
72.5°	5.7	5.7	0.0	0.0
70°	5.7	5.7	0.0	0.0
67.5°	11.4	5.7	0.0	0.0
65°	11.4	5.7	0.0	0.0
62.5°	11.4	5.7	0.0	0.0
60°	11.4	5.7	0.0	0.0
57.5°	17.1	5.7	5.7	0.0
55°	17.1	5.7	5.7	0.0
52.5°	17.1	5.7	5.7	0.0
50°	17.1	11.4	5.7	0.0
47.5°	17.1	11.4	5.7	0.0
45°	17.1	11.4	5.7	0.0
42.5°	17.1	11.4	5.7	0.0
40°	22.8	11.4	5.7	0.0
37.5°	22.8	11.4	5.7	0.0
35°	22.8	11.4	5.7	0.0
32.5°	22.8	11.4	5.7	0.0
30°	22.8	11.4	5.7	0.0
27.5°	22.8	17.1	5.7	0.0
25°	22.8	17.1	5.7	0.0
22.5°	28.5	17.1	5.7	0.0
20°	28.5	17.1	5.7	0.0
17.5°	28.5	17.1	5.7	0.0
15°	28.5	17.1	5.7	0.0
12.5°	28.5	17.1	5.7	0.0
10°	28.5	17.1	5.7	0.0
7.5°	28.5	17.1	5.7	0.0
5°	28.5	17.1	5.7	0.0
2.5°	28.5	17.1	5.7	0.0
0°	28.5	17.1	5.7	0.0
-2.5°	28.5	17.1	5.7	0.0
-5°	28.5	17.1	5.7	0.0
-7.5°	28.5	17.1	5.7	0.0
-10°	28.5	17.1	5.7	0.0
-12.5°	34.2	17.1	5.7	0.0
-15°	34.2	17.1	5.7	0.0
-17.5°	34.2	17.1	5.7	0.0
-20°	34.2	17.1	5.7	0.0

REPORT NUMBER: P722535

CATALOG NUMBER: IFLD-L-SA8A-750-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	34.2	17.1	5.7	0.0
-25°	34.2	17.1	5.7	0.0
-27.5°	34.2	17.1	5.7	0.0
-30°	34.2	17.1	5.7	0.0
-32.5°	34.2	17.1	5.7	0.0
-35°	34.2	17.1	5.7	0.0
-37.5°	34.2	17.1	5.7	0.0
-40°	34.2	17.1	5.7	0.0
-42.5°	28.5	17.1	5.7	0.0
-45°	34.2	17.1	5.7	0.0
-47.5°	34.2	17.1	5.7	0.0
-50°	34.2	17.1	5.7	0.0
-52.5°	34.2	17.1	5.7	0.0
-55°	34.2	17.1	5.7	0.0
-57.5°	34.2	17.1	5.7	0.0
-60°	34.2	17.1	5.7	0.0
-62.5°	28.5	17.1	5.7	0.0
-65°	28.5	11.4	5.7	0.0
-67.5°	28.5	11.4	5.7	0.0
-70°	28.5	11.4	5.7	0.0
-72.5°	22.8	11.4	5.7	0.0
-75°	22.8	11.4	5.7	0.0
-77.5°	17.1	5.7	0.0	0.0
-80°	17.1	5.7	0.0	0.0
-82.5°	11.4	5.7	0.0	0.0
-85°	5.7	5.7	0.0	0.0
-87.5°	5.7	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)