

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: P722621

Luminaire Tested: **IFLD-L-SA7E-830-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722621
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7E-830-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (112) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	45866.9 lumens	Max Intensity:	32020.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	86.1 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:	29261.1 lumens	Field Lumens:	43242.2 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

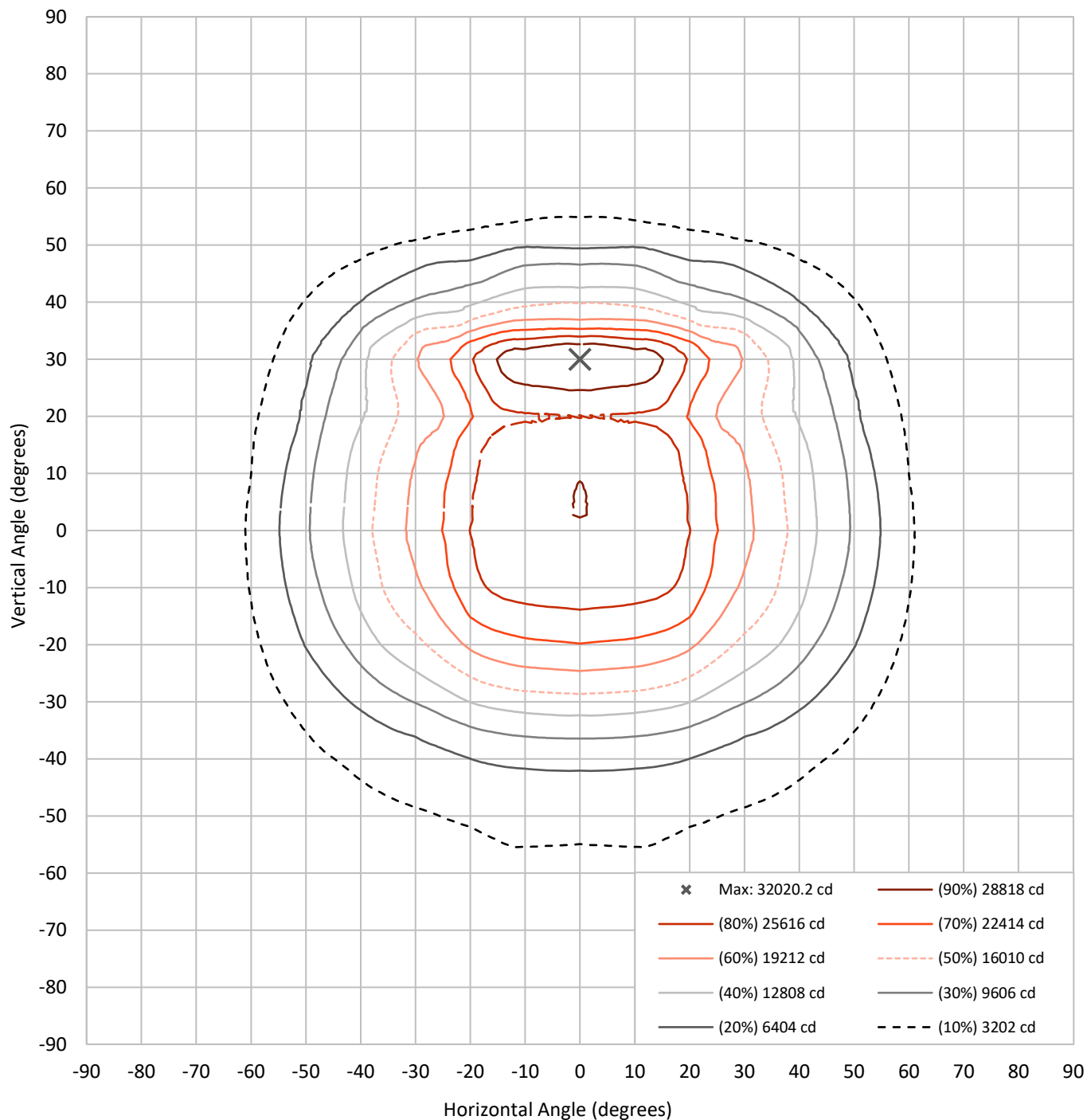
Input Watts (W): 532.7
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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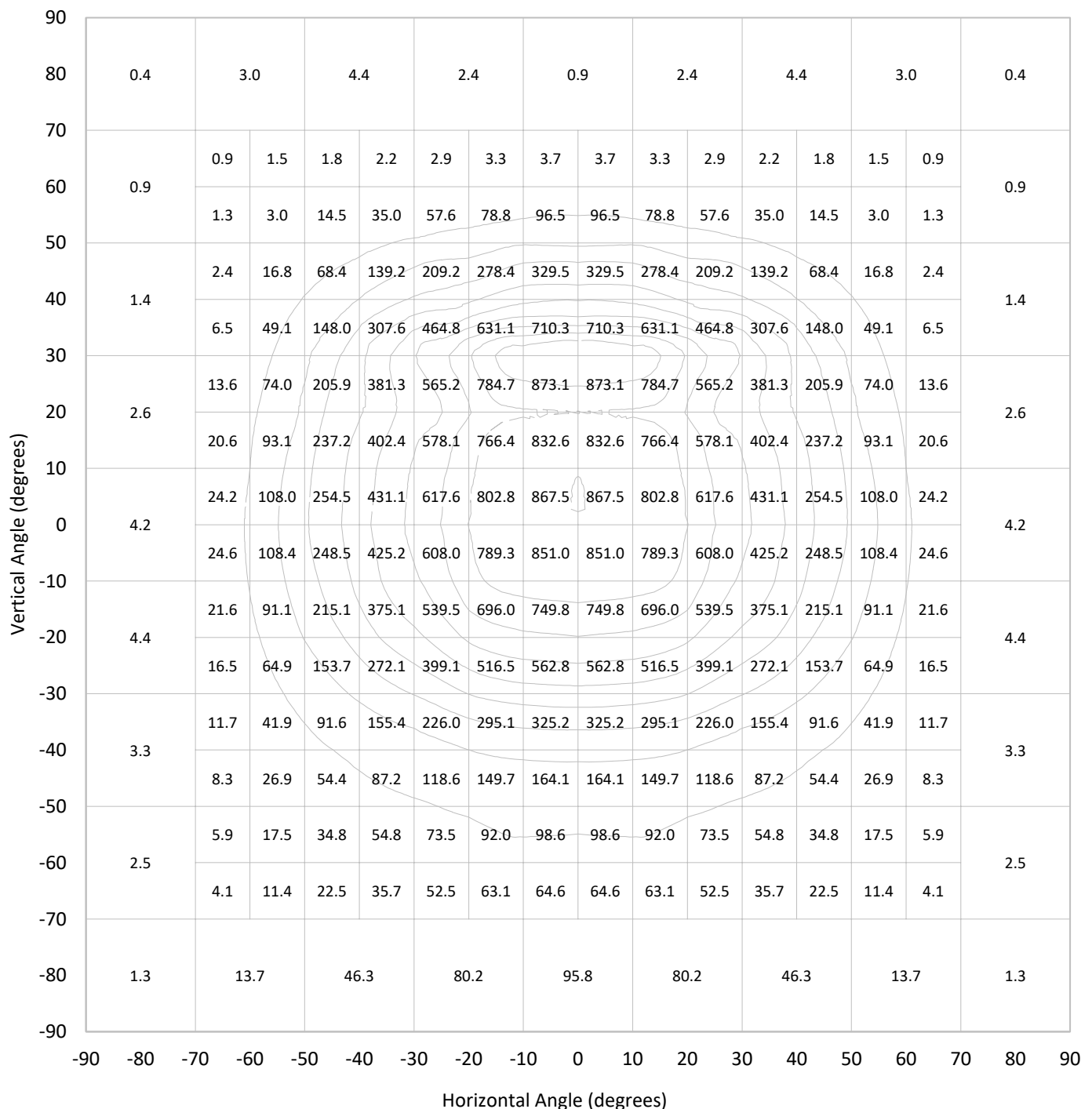
Iso-Candela Plot



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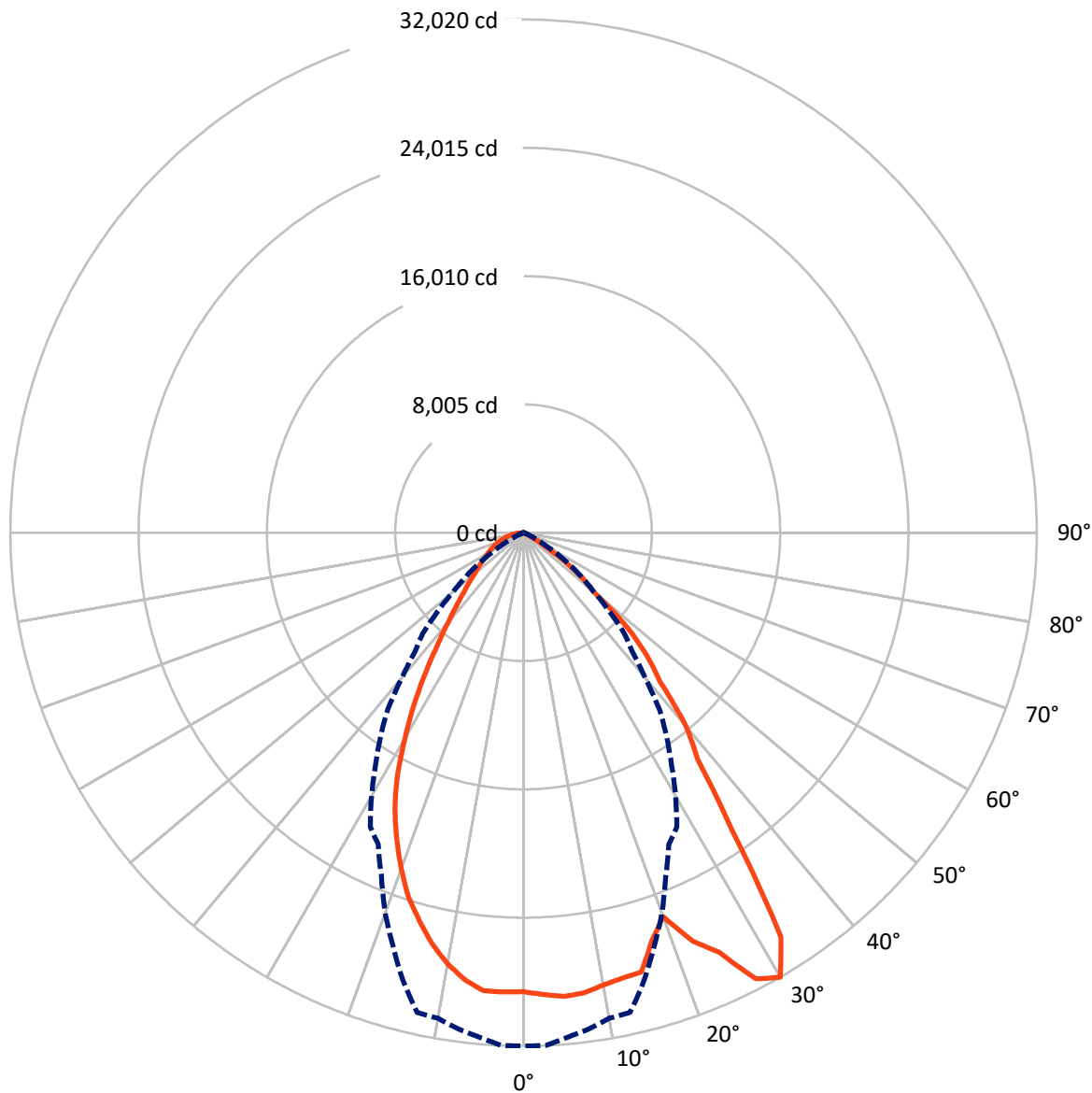
Lumen Table



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Luminous Intensity Polar Plot



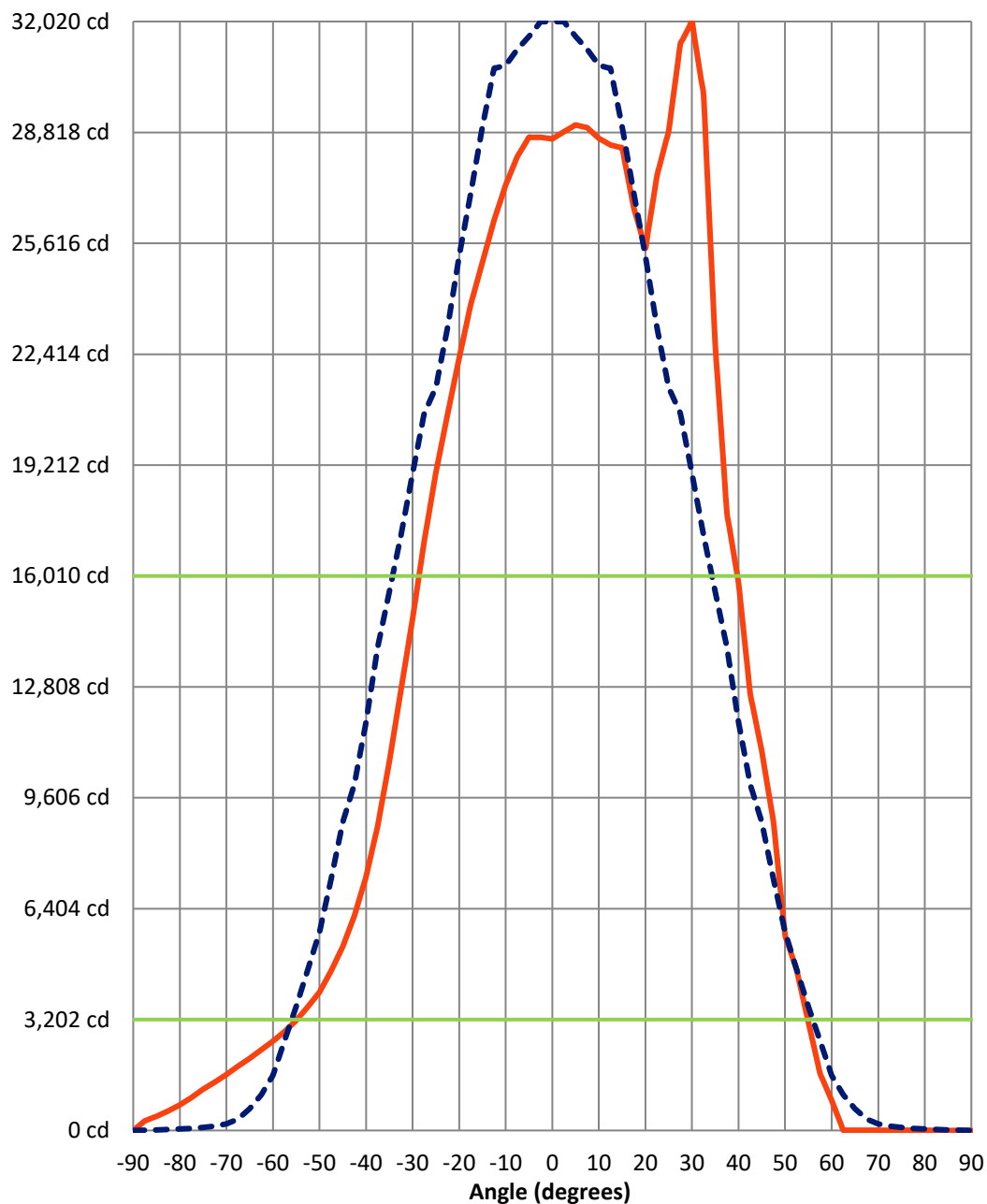
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 29261.1

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 43242.2

Efficiency: 94.3%

Spill:

Lumens: 2624.7

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	7.3	7.3	7.3	7.3	7.3	7.3	7.3
85°	0.0	7.3	7.3	7.3	14.6	14.6	14.6	14.6	14.6	14.6	21.9
82.5°	0.0	7.3	7.3	7.3	14.6	14.6	14.6	14.6	21.9	21.9	29.2
80°	7.3	7.3	7.3	7.3	14.6	14.6	14.6	21.9	21.9	29.2	29.2
77.5°	7.3	7.3	7.3	14.6	14.6	14.6	21.9	21.9	29.2	29.2	36.5
75°	7.3	7.3	7.3	14.6	14.6	21.9	21.9	21.9	29.2	29.2	36.5
72.5°	0.0	7.3	7.3	14.6	14.6	21.9	21.9	21.9	29.2	29.2	29.2
70°	7.3	7.3	7.3	14.6	14.6	21.9	21.9	21.9	29.2	29.2	29.2
67.5°	7.3	7.3	7.3	14.6	14.6	21.9	21.9	29.2	29.2	29.2	36.5
65°	7.3	7.3	7.3	14.6	21.9	21.9	29.2	36.5	36.5	43.8	51.1
62.5°	7.3	14.6	14.6	21.9	29.2	36.5	80.3	124.1	124.1	87.6	73.0
60°	869.0	942.0	934.7	847.1	737.5	620.7	598.8	576.9	533.1	467.3	489.2
57.5°	1650.3	1737.9	1774.4	1752.5	1694.1	1591.9	1533.5	1467.7	1380.1	1277.9	1161.1
55°	3125.3	3161.9	3081.5	2928.2	2760.2	2592.3	2533.9	2446.2	2314.8	2183.4	2008.1
52.5°	4622.3	4746.4	4709.9	4556.6	4330.2	4030.8	3702.2	3446.6	3293.3	3147.3	2972.0
50°	5644.6	5695.7	5798.0	5980.5	6046.2	5841.8	5308.7	4622.3	4133.1	4381.3	4191.5
47.5°	8908.7	9164.3	9113.2	8981.7	8762.7	8207.7	7462.9	6849.5	6338.3	6170.4	6199.6
45°	10946.0	11048.2	11011.7	10953.3	10851.1	10332.6	9507.5	8565.5	8090.8	7901.0	7703.8
42.5°	12618.2	12727.8	12749.7	12757.0	12647.4	12172.8	11428.0	10486.0	10011.3	9463.7	9032.8
40°	15809.3	15969.9	15787.4	15546.4	15181.3	14640.9	13910.7	13041.7	12202.0	11530.2	11019.0
37.5°	17846.6	18043.8	18116.8	18102.2	18021.9	17788.2	16890.0	16064.9	14779.7	13275.4	13545.6
35°	22680.7	22885.1	22826.7	22607.6	22490.8	22242.5	21366.3	20387.8	18774.0	17138.3	16700.2
32.5°	29887.9	30333.4	29500.9	28588.1	28025.9	28223.0	27332.2	24937.0	24192.2	21242.1	19876.6
30°	32020.2	32012.9	31589.4	31216.9	30756.9	30662.0	28982.5	27069.3	25243.7	23177.2	21453.9
27.5°	31370.3	31238.9	30881.0	30610.9	30180.0	29953.7	28310.7	26791.8	24681.5	22834.0	21169.1
25°	28865.6	28967.9	28602.8	28551.6	28383.7	27945.6	27127.7	25419.0	23535.0	21490.4	20292.8
22.5°	27573.1	27536.6	27098.5	26842.9	27047.4	26580.0	26251.4	24528.1	22563.8	20840.5	19402.0
20°	25470.1	25477.4	25367.9	25346.0	25221.8	25010.1	24747.2	23527.7	22140.3	20665.3	18934.6
17.5°	26645.8	26945.2	27076.6	25988.6	26295.3	26054.3	25776.8	24075.4	23031.2	21724.1	19467.7
15°	28369.1	28259.6	28128.1	28069.7	27901.7	27675.4	27171.5	25813.3	24017.0	22666.1	20906.2
12.5°	28456.7	28244.9	28193.8	28186.5	28011.3	27697.3	27208.0	26083.5	24491.6	22848.6	21417.4
10°	28646.6	28427.5	28398.3	28434.8	28164.6	27967.5	27478.2	26434.0	24637.7	23162.6	21811.7
7.5°	28953.3	28588.1	28756.1	28646.6	28522.4	28208.4	27682.7	26660.4	25170.7	23578.8	22162.2
5°	29033.6	28632.0	28814.5	28712.3	28529.7	28223.0	27653.5	26806.4	25499.3	23746.8	22300.9
2.5°	28836.4	28719.6	28639.3	28449.4	28369.1	28033.2	27492.8	26587.3	25346.0	23673.8	22271.7
0°	28632.0	28734.2	28551.6	28361.8	28325.3	28055.1	27595.0	26777.2	25703.8	23878.2	22520.0
-2.5°	28675.8	28595.5	28471.3	28274.2	28084.3	27697.3	27281.1	26514.3	25360.6	23432.8	22169.5
-5°	28675.8	28303.4	28318.0	28325.3	28135.4	27733.8	27229.9	26580.0	25156.1	23425.5	22067.3
-7.5°	28120.8	27799.5	27748.4	27704.6	27653.5	27281.1	26886.7	26076.2	24812.9	23235.6	21782.5
-10°	27303.0	26989.0	27018.2	26952.5	26791.8	26543.5	26244.1	25513.9	24477.0	22636.8	21205.6
-12.5°	26280.7	26141.9	26061.6	25952.1	25791.4	25572.3	25265.6	24579.2	23469.3	21899.3	20541.1
-15°	25068.5	24966.3	24893.2	24827.5	24593.8	24367.5	23965.9	23330.6	22636.8	20950.0	19562.6
-17.5°	23856.3	23600.7	23498.5	23410.9	23257.5	22892.4	22527.3	22052.7	21081.5	19745.2	18554.9
-20°	22300.9	22147.6	22023.5	21906.6	21687.6	21402.8	21103.4	20555.7	19716.0	18635.2	17401.2

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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°	20672.6	20584.9	20482.7	20336.7	20190.6	19920.4	19504.2	18978.4	18321.2	17152.9	15999.1
-25°	18993.0	18825.1	18701.0	18562.2	18445.4	18197.1	17795.5	17291.6	16466.5	15458.8	14494.9
-27.5°	17014.1	16853.5	16787.8	16627.1	16524.9	16298.5	15896.9	15429.6	14684.7	13837.7	12859.2
-30°	14779.7	14808.9	14735.9	14582.5	14458.4	14166.3	13859.6	13465.3	12881.1	12070.6	11194.3
-32.5°	12713.1	12749.7	12662.0	12501.4	12340.7	12129.0	11844.2	11486.4	11048.2	10274.2	9514.8
-35°	10646.6	10632.0	10559.0	10464.1	10354.5	10179.3	9858.0	9587.8	9083.9	8543.6	8017.8
-37.5°	8791.9	8828.4	8806.5	8755.3	8631.2	8485.2	8222.3	7974.0	7601.6	7127.0	6718.0
-40°	7324.1	7367.9	7338.7	7287.6	7178.1	7090.4	6915.2	6696.1	6396.7	5987.8	5644.6
-42.5°	6199.6	6228.8	6192.3	6148.5	6053.5	5987.8	5849.1	5666.5	5418.2	5104.2	4797.6
-45°	5308.7	5316.0	5279.5	5250.3	5177.3	5096.9	4980.1	4834.1	4636.9	4417.8	4169.6
-47.5°	4607.7	4600.4	4563.9	4534.7	4476.3	4403.2	4308.3	4176.9	4023.5	3855.6	3658.4
-50°	3994.3	4030.8	4016.2	3987.0	3943.2	3892.1	3797.1	3658.4	3505.1	3380.9	3242.2
-52.5°	3570.8	3578.1	3570.8	3570.8	3563.5	3527.0	3417.4	3278.7	3110.7	3001.2	2884.4
-55°	3176.5	3213.0	3227.6	3242.2	3249.5	3249.5	3118.0	2972.0	2811.4	2701.8	2614.2
-57.5°	2855.2	2877.1	2891.7	2928.2	2957.4	2979.3	2862.5	2731.0	2606.9	2504.7	2424.3
-60°	2577.7	2606.9	2628.8	2665.3	2687.2	2701.8	2628.8	2541.2	2468.1	2402.4	2285.6
-62.5°	2329.4	2351.3	2373.2	2395.1	2417.0	2431.6	2402.4	2358.6	2322.1	2292.9	2146.8
-65°	2081.1	2103.0	2124.9	2154.2	2176.1	2190.7	2183.4	2154.2	2124.9	2095.7	1964.3
-67.5°	1854.8	1876.7	1905.9	1913.2	1927.8	1935.1	1920.5	1898.6	1862.1	1825.6	1723.3
-70°	1613.8	1628.4	1643.0	1643.0	1643.0	1635.7	1621.1	1591.9	1555.4	1504.3	1423.9
-72.5°	1394.7	1409.3	1423.9	1402.0	1387.4	1365.5	1343.6	1307.1	1270.6	1234.1	1190.3
-75°	1190.3	1197.6	1197.6	1168.4	1146.4	1124.5	1095.3	1073.4	1036.9	1007.7	971.2
-77.5°	949.3	949.3	949.3	927.4	912.8	898.2	876.3	854.4	825.1	803.2	774.0
-80°	737.5	737.5	737.5	730.2	708.3	693.7	679.1	664.5	642.6	628.0	613.4
-82.5°	562.3	562.3	562.3	555.0	540.4	533.1	518.5	503.9	496.6	481.9	474.6
-85°	408.9	416.2	416.2	408.9	401.6	387.0	379.7	372.4	365.1	357.8	343.2
-87.5°	277.5	277.5	277.5	270.2	262.9	262.9	255.6	241.0	226.4	219.1	211.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
85°	21.9	21.9	21.9	29.2	29.2	29.2	29.2	29.2	29.2	29.2	21.9
82.5°	36.5	36.5	43.8	43.8	51.1	51.1	51.1	51.1	51.1	51.1	51.1
80°	36.5	43.8	51.1	58.4	65.7	73.0	73.0	73.0	73.0	65.7	65.7
77.5°	43.8	43.8	51.1	58.4	65.7	73.0	80.3	87.6	80.3	80.3	80.3
75°	43.8	51.1	51.1	58.4	65.7	73.0	80.3	87.6	87.6	87.6	87.6
72.5°	36.5	43.8	51.1	58.4	58.4	65.7	73.0	73.0	80.3	80.3	87.6
70°	36.5	43.8	51.1	51.1	58.4	58.4	65.7	73.0	73.0	80.3	80.3
67.5°	43.8	51.1	51.1	58.4	65.7	65.7	65.7	73.0	73.0	80.3	80.3
65°	51.1	58.4	58.4	65.7	73.0	73.0	80.3	80.3	80.3	87.6	87.6
62.5°	87.6	87.6	87.6	80.3	87.6	87.6	87.6	94.9	94.9	87.6	94.9
60°	452.7	328.6	226.4	284.8	255.6	116.8	116.8	116.8	109.5	109.5	102.2
57.5°	1066.1	993.1	854.4	722.9	649.9	576.9	357.8	146.0	146.0	131.4	116.8
55°	1781.7	1540.8	1438.5	1263.3	1073.4	985.8	817.8	555.0	262.9	175.3	153.3
52.5°	2760.2	2533.9	2271.0	1913.2	1657.6	1453.1	1314.4	1044.2	701.0	372.4	233.7
50°	3694.9	3592.7	3432.0	3081.5	2548.5	2205.3	1978.9	1672.2	1256.0	766.7	438.1
47.5°	5951.3	5096.9	4578.5	4308.3	3862.9	3213.0	2774.8	2431.6	1927.8	1292.5	774.0
45°	7492.1	6951.7	6126.6	5557.0	4899.8	4213.4	3643.8	3249.5	2650.7	1935.1	1212.2
42.5°	8813.8	8346.4	7601.6	6769.1	6075.4	5177.3	4447.0	3928.6	3424.7	2643.4	1810.9
40°	10515.2	9960.2	9244.6	8434.1	7623.5	6477.1	5294.1	4666.1	4111.1	3417.4	2446.2
37.5°	13319.2	12340.7	11172.4	10274.2	9215.4	8244.2	6623.1	5513.2	4856.0	4133.1	3191.1
35°	16692.9	15619.4	13669.7	12479.5	11062.8	9617.0	8156.6	6513.6	5578.9	4812.2	3877.5
32.5°	19832.8	18262.8	15765.5	14370.7	13428.8	10763.5	9251.9	7828.0	6323.7	5381.7	4271.8
30°	20701.8	18971.1	17182.1	15553.7	13947.2	11793.1	10004.0	8894.1	7258.4	5724.9	4644.2
27.5°	19825.5	18635.2	17247.8	15736.3	13998.3	12150.9	10464.1	9405.2	7944.8	5958.6	4936.3
25°	18934.6	17693.3	16722.1	15458.8	13852.3	12129.0	10478.7	9726.5	8477.9	6411.3	5096.9
22.5°	17992.6	17218.6	16415.4	15006.0	13487.2	12194.7	10953.3	10004.0	8755.3	6922.5	5162.7
20°	18043.8	17539.9	16656.3	14772.4	13421.5	12581.7	11522.9	10354.5	9054.7	7367.9	5213.8
17.5°	18861.6	18204.4	17094.5	15458.8	14012.9	12976.0	11997.5	10836.5	9361.4	7762.2	5834.5
15°	19869.3	18868.9	17707.9	16269.3	14633.6	13406.9	12362.6	11172.4	9711.9	8127.4	6389.4
12.5°	20599.5	19175.6	18087.6	16787.8	15305.4	13874.2	12603.6	11428.0	10040.5	8426.7	6805.7
10°	20847.8	19555.3	18270.1	17109.1	15648.6	14122.5	12786.2	11588.6	10325.3	8660.4	7112.4
7.5°	20979.2	19883.9	18394.3	17255.1	15853.1	14275.8	12932.2	11676.2	10551.7	8821.1	7309.5
5°	20964.6	20059.2	18489.2	17298.9	15962.6	14341.5	13034.4	11698.1	10712.3	8959.8	7426.3
2.5°	20898.9	20176.0	18642.5	17372.0	16181.7	14465.7	13231.6	11742.0	10770.8	9113.2	7506.7
0°	21139.9	20183.3	18803.2	17393.9	16327.7	14509.5	13319.2	11705.4	10690.4	9157.0	7499.4
-2.5°	20621.4	19752.5	18766.7	17204.0	16130.6	14407.3	13158.6	11588.6	10515.2	9105.9	7470.2
-5°	20533.8	19438.5	18460.0	17028.8	15802.0	14195.5	12859.2	11369.5	10237.7	8937.9	7353.3
-7.5°	20300.1	19139.1	18160.6	16890.0	15495.3	13976.4	12574.4	11143.2	9938.3	8675.0	7185.4
-10°	19789.0	18679.1	17839.3	16590.6	15122.9	13662.4	12231.2	10843.8	9587.8	8317.2	6922.5
-12.5°	19058.8	17948.8	17116.4	15955.3	14655.5	13238.9	11822.3	10456.8	9186.2	7937.5	6608.5
-15°	18233.6	17109.1	16276.6	15217.8	13961.8	12581.7	11303.8	9967.5	8726.1	7535.9	6236.1
-17.5°	17298.9	16232.8	15429.6	14400.0	13151.3	11836.9	10566.3	9354.1	8193.1	7119.7	5805.3
-20°	16218.2	15181.3	14443.8	13414.2	12267.7	10989.8	9755.8	8609.3	7565.1	6557.4	5330.6

REPORT NUMBER: P722621

CATALOG NUMBER: IFLD-L-SA7E-830-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°	14881.9	13969.1	13129.4	12209.3	11208.9	10040.5	8894.1	7879.1	6878.7	5892.9	4841.4
-25°	13516.4	12632.8	11815.0	10975.2	10018.6	9010.9	8032.4	7112.4	6133.9	5243.0	4366.7
-27.5°	11997.5	11208.9	10478.7	9704.6	8828.4	7959.4	7156.2	6258.0	5410.9	4651.5	3899.4
-30°	10376.4	9733.8	9098.6	8412.1	7703.8	6973.6	6258.0	5410.9	4746.4	4140.4	3505.1
-32.5°	8821.1	8244.2	7733.0	7221.9	6608.5	6009.7	5374.4	4746.4	4191.5	3658.4	3125.3
-35°	7455.6	6842.2	6557.4	6148.5	5659.2	5118.8	4600.4	4162.3	3716.8	3234.9	2760.2
-37.5°	6272.6	5878.3	5542.4	5235.7	4848.7	4381.3	4008.9	3651.1	3278.7	2840.6	2431.6
-40°	5345.2	5060.4	4724.5	4498.2	4184.2	3848.3	3475.9	3176.5	2862.5	2504.7	2168.8
-42.5°	4600.4	4366.7	4147.7	3906.7	3673.0	3388.2	3066.9	2782.1	2497.4	2234.5	1957.0
-45°	3987.0	3819.1	3643.8	3446.6	3242.2	2993.9	2731.0	2438.9	2234.5	2000.8	1767.1
-47.5°	3483.2	3359.0	3213.0	3059.6	2884.4	2665.3	2424.3	2212.6	2000.8	1803.6	1577.3
-50°	3081.5	2964.7	2847.9	2716.4	2563.1	2373.2	2190.7	1993.5	1796.3	1606.5	1394.7
-52.5°	2745.6	2643.4	2548.5	2438.9	2292.9	2132.2	1964.3	1789.0	1606.5	1416.6	1248.7
-55°	2512.0	2395.1	2300.2	2190.7	2059.2	1905.9	1752.5	1591.9	1416.6	1270.6	1131.8
-57.5°	2322.1	2190.7	2081.1	1964.3	1832.9	1701.4	1562.7	1416.6	1285.2	1146.4	1015.0
-60°	2161.5	2008.1	1884.0	1767.1	1643.0	1518.9	1402.0	1277.9	1153.7	1029.6	898.2
-62.5°	1993.5	1832.9	1679.5	1570.0	1475.0	1365.5	1263.3	1146.4	1036.9	912.8	817.8
-65°	1803.6	1650.3	1504.3	1409.3	1321.7	1226.8	1131.8	1029.6	934.7	839.8	752.1
-67.5°	1591.9	1460.4	1358.2	1270.6	1183.0	1102.6	1015.0	927.4	847.1	752.1	664.5
-70°	1336.3	1263.3	1204.9	1139.1	1058.8	985.8	905.5	825.1	737.5	657.2	576.9
-72.5°	1139.1	1095.3	1051.5	985.8	912.8	847.1	781.3	708.3	635.3	562.3	496.6
-75°	934.7	898.2	861.7	817.8	759.4	708.3	649.9	584.2	525.8	474.6	423.5
-77.5°	752.1	722.9	701.0	664.5	620.7	576.9	540.4	496.6	452.7	401.6	350.5
-80°	598.8	584.2	576.9	562.3	525.8	489.2	460.0	423.5	379.7	343.2	306.7
-82.5°	467.3	467.3	460.0	452.7	423.5	394.3	372.4	343.2	314.0	284.8	248.3
-85°	343.2	335.9	335.9	328.6	306.7	292.1	270.2	255.6	233.7	204.5	189.9
-87.5°	204.5	197.2	189.9	182.6	168.0	160.6	146.0	138.7	124.1	109.5	102.2
-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: P722621

CATALOG NUMBER: IFLD-L-SA7E-830-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°	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	0.0	0.0
85°	21.9	14.6	14.6	14.6	14.6	14.6	7.3	7.3	7.3	7.3	7.3
82.5°	43.8	43.8	36.5	36.5	29.2	21.9	14.6	14.6	14.6	7.3	7.3
80°	65.7	65.7	65.7	58.4	51.1	36.5	29.2	21.9	14.6	7.3	7.3
77.5°	80.3	73.0	73.0	65.7	65.7	58.4	43.8	36.5	21.9	14.6	7.3
75°	80.3	80.3	80.3	73.0	73.0	65.7	58.4	43.8	36.5	21.9	14.6
72.5°	87.6	80.3	80.3	80.3	73.0	65.7	58.4	51.1	43.8	29.2	14.6
70°	80.3	80.3	80.3	80.3	73.0	73.0	58.4	51.1	51.1	29.2	21.9
67.5°	80.3	80.3	80.3	73.0	73.0	65.7	58.4	51.1	51.1	36.5	21.9
65°	87.6	80.3	80.3	80.3	73.0	65.7	58.4	51.1	51.1	43.8	29.2
62.5°	94.9	87.6	87.6	80.3	73.0	65.7	58.4	51.1	51.1	43.8	29.2
60°	102.2	94.9	87.6	87.6	80.3	73.0	58.4	58.4	51.1	43.8	29.2
57.5°	109.5	102.2	102.2	94.9	87.6	80.3	65.7	58.4	51.1	43.8	36.5
55°	131.4	116.8	109.5	109.5	102.2	87.6	73.0	58.4	51.1	43.8	36.5
52.5°	175.3	138.7	124.1	124.1	116.8	102.2	80.3	65.7	51.1	43.8	36.5
50°	277.5	175.3	146.0	131.4	131.4	116.8	94.9	73.0	51.1	43.8	36.5
47.5°	438.1	292.1	175.3	153.3	146.0	138.7	109.5	73.0	58.4	43.8	36.5
45°	722.9	430.8	284.8	182.6	153.3	146.0	124.1	80.3	58.4	51.1	36.5
42.5°	993.1	671.8	438.1	219.1	182.6	160.6	131.4	87.6	65.7	51.1	36.5
40°	1562.7	920.1	613.4	357.8	211.8	168.0	146.0	102.2	65.7	51.1	36.5
37.5°	2117.6	1219.5	825.1	525.8	241.0	189.9	153.3	109.5	73.0	51.1	43.8
35°	2672.6	1708.7	1022.3	701.0	321.3	226.4	160.6	116.8	73.0	51.1	43.8
32.5°	3169.2	2168.8	1226.8	876.3	481.9	270.2	175.3	124.1	80.3	58.4	43.8
30°	3578.1	2592.3	1591.9	1029.6	628.0	328.6	189.9	124.1	87.6	58.4	43.8
27.5°	3884.8	2920.9	1964.3	1190.3	752.1	387.0	219.1	138.7	87.6	58.4	43.8
25°	4133.1	3176.5	2292.9	1358.2	861.7	481.9	262.9	146.0	94.9	65.7	43.8
22.5°	4330.2	3388.2	2563.1	1584.6	993.1	576.9	321.3	160.6	94.9	65.7	43.8
20°	4600.4	3600.0	2745.6	1825.6	1131.8	664.5	372.4	175.3	94.9	65.7	51.1
17.5°	4834.1	3811.8	2891.7	2030.0	1270.6	730.2	430.8	189.9	102.2	65.7	51.1
15°	5104.2	4016.2	3023.1	2190.7	1402.0	788.6	481.9	204.5	102.2	73.0	51.1
12.5°	5396.3	4206.1	3118.0	2322.1	1540.8	839.8	525.8	233.7	109.5	73.0	51.1
10°	5695.7	4366.7	3198.4	2417.0	1643.0	890.9	555.0	262.9	116.8	73.0	51.1
7.5°	5995.1	4512.8	3300.6	2460.8	1686.8	949.3	569.6	292.1	116.8	80.3	51.1
5°	6199.6	4607.7	3446.6	2490.1	1708.7	1015.0	591.5	328.6	124.1	80.3	51.1
2.5°	6374.8	4666.1	3600.0	2512.0	1716.0	1051.5	584.2	350.5	131.4	80.3	51.1
0°	6455.2	4666.1	3702.2	2497.4	1694.1	1088.0	584.2	372.4	131.4	80.3	51.1
-2.5°	6331.0	4797.6	3673.0	2504.7	1701.4	1088.0	613.4	379.7	146.0	87.6	51.1
-5°	6133.9	4848.7	3585.4	2468.1	1686.8	1088.0	649.9	387.0	153.3	87.6	58.4
-7.5°	5944.0	4870.6	3483.2	2431.6	1664.9	1058.8	657.2	379.7	168.0	94.9	58.4
-10°	5695.7	4629.6	3351.7	2365.9	1621.1	1036.9	671.8	379.7	175.3	94.9	58.4
-12.5°	5410.9	4337.5	3191.1	2271.0	1570.0	1015.0	679.1	379.7	182.6	102.2	58.4
-15°	5082.3	4038.1	3008.5	2168.8	1497.0	985.8	664.5	372.4	189.9	102.2	65.7
-17.5°	4709.9	3746.0	2818.7	2044.6	1416.6	949.3	635.3	365.1	189.9	102.2	65.7
-20°	4286.4	3453.9	2606.9	1920.5	1321.7	905.5	606.1	350.5	189.9	102.2	65.7

REPORT NUMBER: P722621

CATALOG NUMBER: IFLD-L-SA7E-830-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	3906.7	3183.8	2387.8	1781.7	1219.5	854.4	569.6	335.9	189.9	109.5	65.7
-25°	3592.7	2920.9	2219.9	1643.0	1109.9	795.9	533.1	321.3	189.9	109.5	65.7
-27.5°	3264.1	2636.1	2044.6	1511.6	1036.9	744.8	496.6	306.7	182.6	109.5	65.7
-30°	2928.2	2358.6	1862.1	1365.5	963.9	693.7	467.3	284.8	182.6	109.5	65.7
-32.5°	2621.5	2132.2	1694.1	1219.5	883.6	642.6	438.1	277.5	175.3	109.5	65.7
-35°	2322.1	1927.8	1518.9	1102.6	795.9	591.5	408.9	270.2	175.3	109.5	65.7
-37.5°	2073.8	1737.9	1358.2	1022.3	744.8	547.7	379.7	255.6	168.0	109.5	65.7
-40°	1869.4	1562.7	1204.9	934.7	701.0	503.9	350.5	248.3	168.0	109.5	65.7
-42.5°	1679.5	1394.7	1109.9	861.7	657.2	474.6	328.6	241.0	160.6	109.5	65.7
-45°	1511.6	1248.7	1015.0	795.9	606.1	438.1	314.0	226.4	153.3	109.5	73.0
-47.5°	1343.6	1146.4	927.4	737.5	555.0	394.3	299.4	219.1	146.0	102.2	73.0
-50°	1212.2	1036.9	854.4	671.8	503.9	379.7	284.8	204.5	146.0	102.2	73.0
-52.5°	1095.3	934.7	774.0	606.1	460.0	357.8	270.2	189.9	138.7	102.2	73.0
-55°	985.8	839.8	693.7	540.4	430.8	335.9	248.3	175.3	138.7	102.2	73.0
-57.5°	876.3	752.1	613.4	489.2	394.3	314.0	233.7	175.3	138.7	102.2	73.0
-60°	788.6	671.8	555.0	452.7	365.1	284.8	211.8	168.0	131.4	102.2	73.0
-62.5°	715.6	606.1	503.9	408.9	335.9	255.6	204.5	168.0	131.4	102.2	65.7
-65°	642.6	547.7	452.7	372.4	299.4	241.0	197.2	160.6	131.4	102.2	65.7
-67.5°	569.6	481.9	408.9	328.6	277.5	233.7	189.9	160.6	124.1	94.9	65.7
-70°	496.6	423.5	357.8	306.7	262.9	219.1	182.6	153.3	124.1	87.6	58.4
-72.5°	438.1	372.4	321.3	284.8	248.3	211.8	175.3	146.0	116.8	80.3	51.1
-75°	372.4	328.6	292.1	255.6	226.4	197.2	168.0	131.4	102.2	73.0	51.1
-77.5°	314.0	284.8	255.6	233.7	204.5	175.3	146.0	116.8	94.9	65.7	43.8
-80°	270.2	248.3	226.4	204.5	182.6	153.3	131.4	102.2	80.3	58.4	36.5
-82.5°	219.1	204.5	182.6	168.0	153.3	131.4	109.5	87.6	58.4	43.8	29.2
-85°	168.0	153.3	146.0	131.4	116.8	94.9	73.0	58.4	43.8	29.2	14.6
-87.5°	87.6	80.3	73.0	65.7	58.4	43.8	36.5	29.2	21.9	14.6	7.3
-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: P722621

CATALOG NUMBER: IFLD-L-SA7E-830-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°	7.3	0.0	0.0	0.0
77.5°	7.3	0.0	0.0	0.0
75°	7.3	7.3	0.0	0.0
72.5°	7.3	7.3	0.0	0.0
70°	7.3	7.3	0.0	0.0
67.5°	14.6	7.3	0.0	0.0
65°	14.6	7.3	0.0	0.0
62.5°	14.6	7.3	0.0	0.0
60°	14.6	7.3	0.0	0.0
57.5°	21.9	7.3	7.3	0.0
55°	21.9	7.3	7.3	0.0
52.5°	21.9	7.3	7.3	0.0
50°	21.9	14.6	7.3	0.0
47.5°	21.9	14.6	7.3	0.0
45°	21.9	14.6	7.3	0.0
42.5°	21.9	14.6	7.3	0.0
40°	29.2	14.6	7.3	0.0
37.5°	29.2	14.6	7.3	0.0
35°	29.2	14.6	7.3	0.0
32.5°	29.2	14.6	7.3	0.0
30°	29.2	14.6	7.3	0.0
27.5°	29.2	21.9	7.3	0.0
25°	29.2	21.9	7.3	0.0
22.5°	36.5	21.9	7.3	0.0
20°	36.5	21.9	7.3	0.0
17.5°	36.5	21.9	7.3	0.0
15°	36.5	21.9	7.3	0.0
12.5°	36.5	21.9	7.3	0.0
10°	36.5	21.9	7.3	0.0
7.5°	36.5	21.9	7.3	0.0
5°	36.5	21.9	7.3	0.0
2.5°	36.5	21.9	7.3	0.0
0°	36.5	21.9	7.3	0.0
-2.5°	36.5	21.9	7.3	0.0
-5°	36.5	21.9	7.3	0.0
-7.5°	36.5	21.9	7.3	0.0
-10°	36.5	21.9	7.3	0.0
-12.5°	43.8	21.9	7.3	0.0
-15°	43.8	21.9	7.3	0.0
-17.5°	43.8	21.9	7.3	0.0
-20°	43.8	21.9	7.3	0.0



REPORT NUMBER: P722621

CATALOG NUMBER: IFLD-L-SA7E-830-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	43.8	21.9	7.3	0.0
-25°	43.8	21.9	7.3	0.0
-27.5°	43.8	21.9	7.3	0.0
-30°	43.8	21.9	7.3	0.0
-32.5°	43.8	21.9	7.3	0.0
-35°	43.8	21.9	7.3	0.0
-37.5°	43.8	21.9	7.3	0.0
-40°	43.8	21.9	7.3	0.0
-42.5°	36.5	21.9	7.3	0.0
-45°	43.8	21.9	7.3	0.0
-47.5°	43.8	21.9	7.3	0.0
-50°	43.8	21.9	7.3	0.0
-52.5°	43.8	21.9	7.3	0.0
-55°	43.8	21.9	7.3	0.0
-57.5°	43.8	21.9	7.3	0.0
-60°	43.8	21.9	7.3	0.0
-62.5°	36.5	21.9	7.3	0.0
-65°	36.5	14.6	7.3	0.0
-67.5°	36.5	14.6	7.3	0.0
-70°	36.5	14.6	7.3	0.0
-72.5°	29.2	14.6	7.3	0.0
-75°	29.2	14.6	7.3	0.0
-77.5°	21.9	7.3	0.0	0.0
-80°	21.9	7.3	0.0	0.0
-82.5°	14.6	7.3	0.0	0.0
-85°	7.3	7.3	0.0	0.0
-87.5°	7.3	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)