

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: P722593

Luminaire Tested: **IFLD-L-SA8A-827-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722593
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA8A-827-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (128) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	25749.1 lumens	Max Intensity:	17975.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	103.9 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:	16426.8 lumens	Field Lumens:	24275.6 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

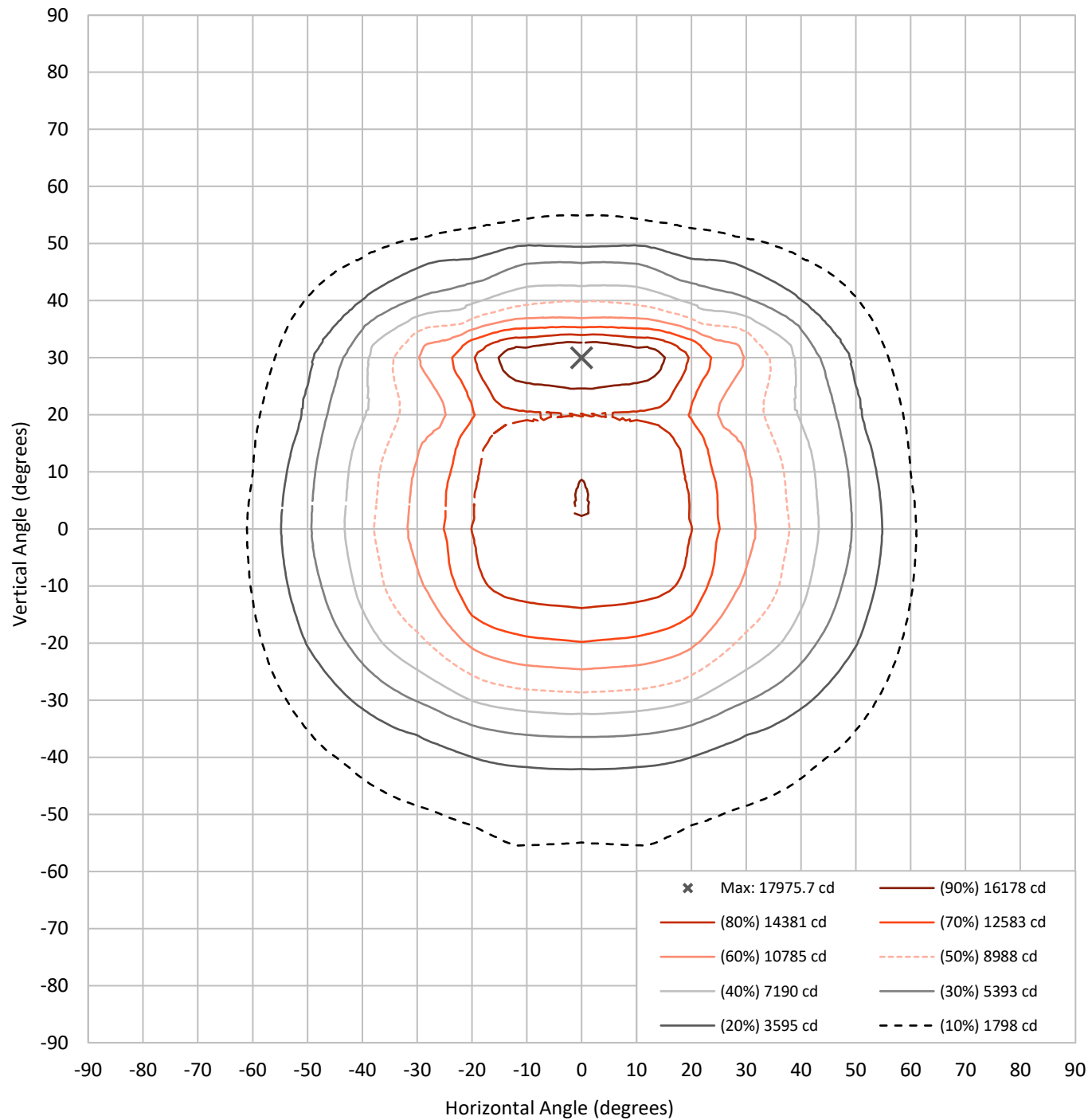
Input Watts (W): 247.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT





REPORT NUMBER: P722593
CATALOG NUMBER: IFLD-L-SA8A-827-U-76-VI

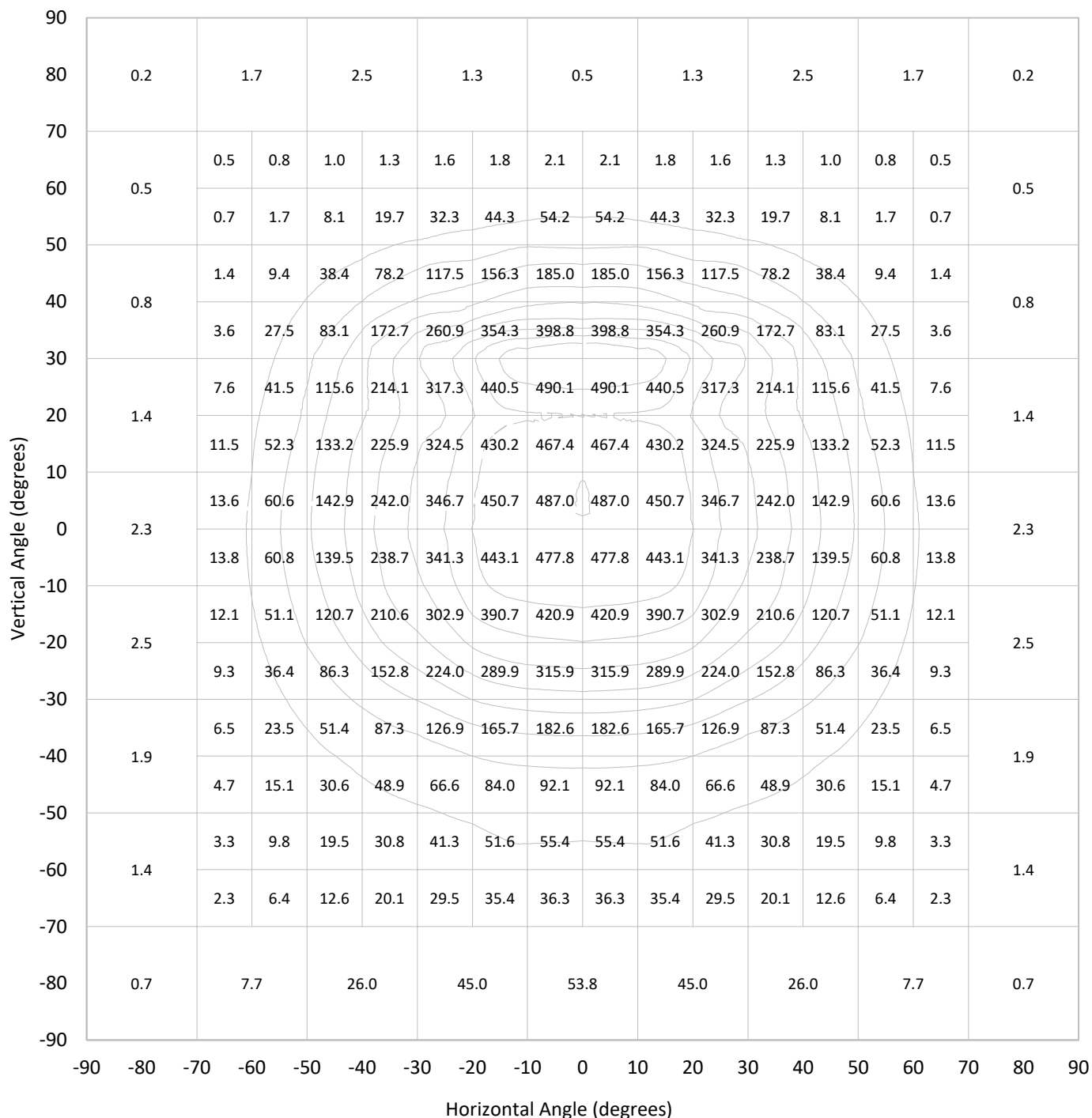
Iso-Candela Plot



REPORT NUMBER: P722593

CATALOG NUMBER: IFLD-L-SA8A-827-U-76-VI

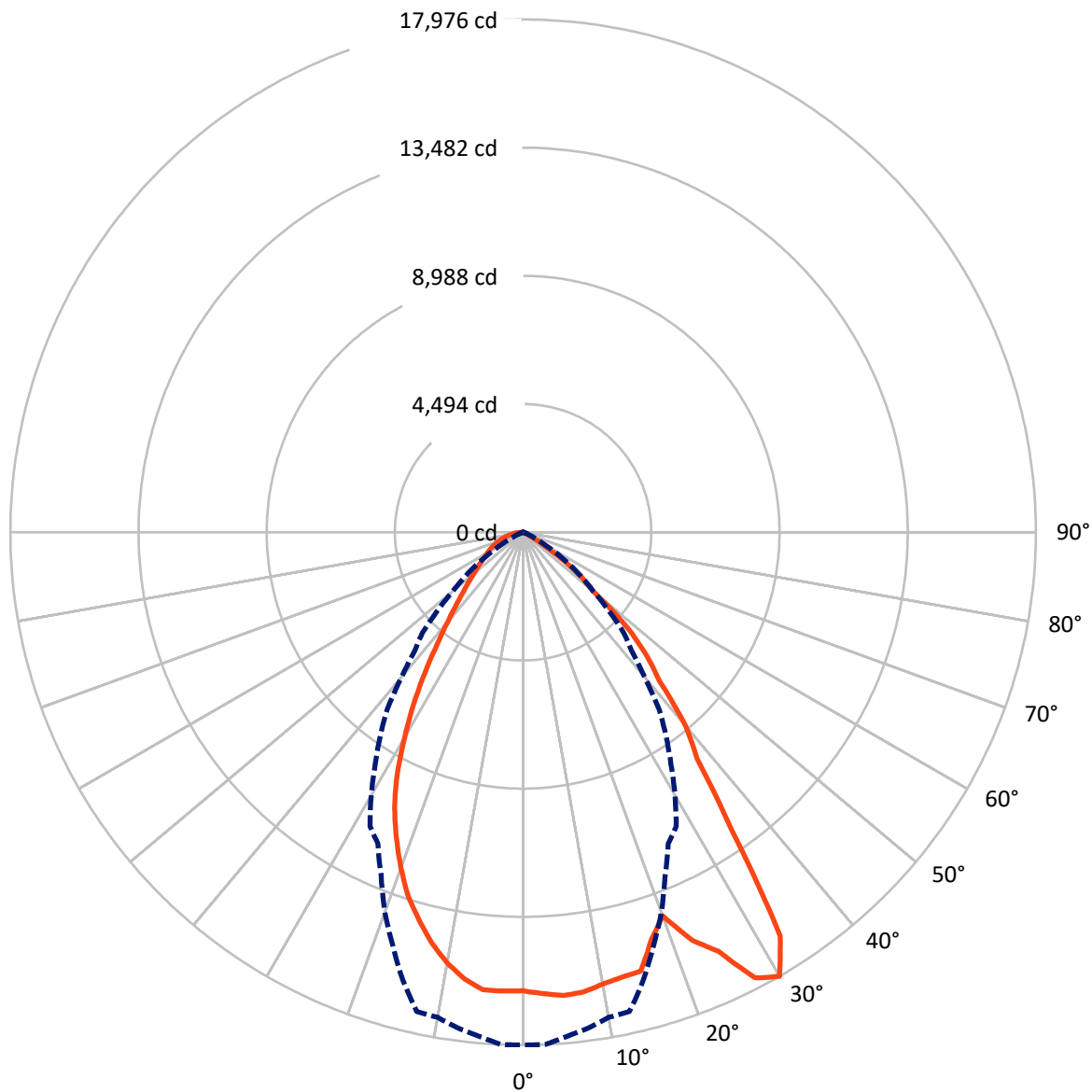
Lumen Table



REPORT NUMBER: P722593

CATALOG NUMBER: IFLD-L-SA8A-827-U-76-VI

Luminous Intensity Polar Plot

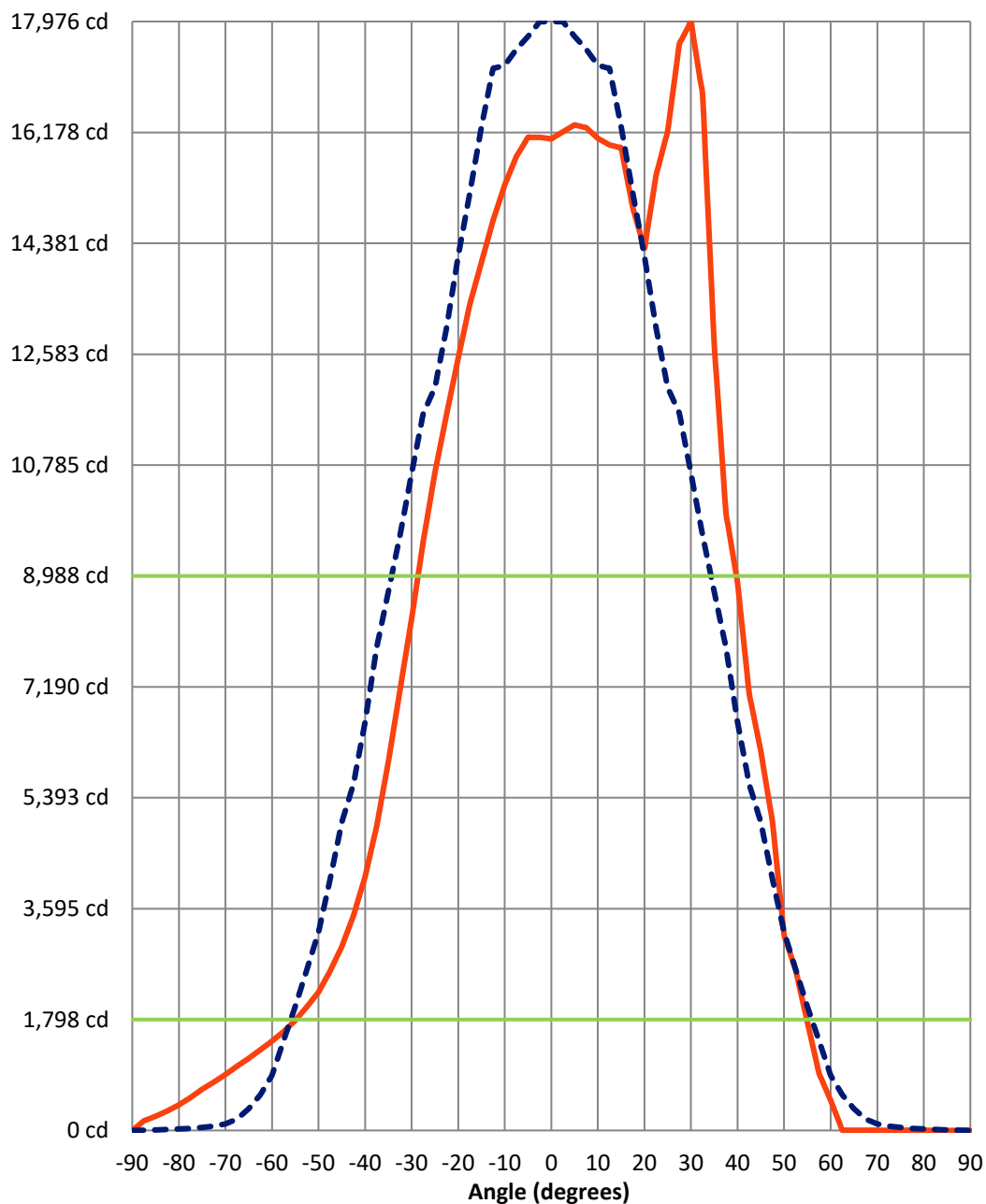


— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 30-Deg

REPORT NUMBER: P722593

CATALOG NUMBER: IFLD-L-SA8A-827-U-76-VI

Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 16426.8

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 24275.6

Efficiency: 94.3%

Spill:

Lumens: 1473.5

Efficiency: 5.7%

— Vertical Distribution through 0-Deg

- - - Horizontal Distribution through 30-Deg

REPORT NUMBER: P722593

CATALOG NUMBER: IFLD-L-SA8A-827-U-76-VI

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	4.1	4.1	4.1	4.1	4.1	4.1	4.1
85°	0.0	4.1	4.1	4.1	8.2	8.2	8.2	8.2	8.2	8.2	12.3
82.5°	0.0	4.1	4.1	4.1	8.2	8.2	8.2	8.2	12.3	12.3	16.4
80°	4.1	4.1	4.1	4.1	8.2	8.2	8.2	12.3	12.3	16.4	16.4
77.5°	4.1	4.1	4.1	8.2	8.2	8.2	12.3	12.3	16.4	16.4	20.5
75°	4.1	4.1	4.1	8.2	8.2	12.3	12.3	12.3	16.4	16.4	20.5
72.5°	0.0	4.1	4.1	8.2	8.2	12.3	12.3	12.3	16.4	16.4	16.4
70°	4.1	4.1	4.1	8.2	8.2	12.3	12.3	12.3	16.4	16.4	16.4
67.5°	4.1	4.1	4.1	8.2	8.2	12.3	12.3	16.4	16.4	16.4	20.5
65°	4.1	4.1	4.1	8.2	12.3	12.3	16.4	20.5	20.5	24.6	28.7
62.5°	4.1	8.2	8.2	12.3	16.4	20.5	45.1	69.7	69.7	49.2	41.0
60°	487.8	528.8	524.7	475.5	414.0	348.4	336.1	323.8	299.3	262.4	274.7
57.5°	926.5	975.6	996.1	983.8	951.1	893.7	860.9	824.0	774.8	717.4	651.8
55°	1754.5	1775.0	1729.9	1643.8	1549.6	1455.3	1422.5	1373.3	1299.5	1225.7	1127.3
52.5°	2594.9	2664.6	2644.1	2558.0	2430.9	2262.9	2078.4	1934.9	1848.8	1766.8	1668.4
50°	3168.8	3197.5	3254.9	3357.4	3394.3	3279.5	2980.2	2594.9	2320.2	2459.6	2353.0
47.5°	5001.2	5144.7	5116.0	5042.2	4919.2	4607.7	4189.6	3845.2	3558.3	3464.0	3480.4
45°	6145.0	6202.3	6181.8	6149.1	6091.7	5800.6	5337.4	4808.6	4542.1	4435.5	4324.8
42.5°	7083.7	7145.2	7157.5	7161.6	7100.1	6833.6	6415.5	5886.7	5620.2	5312.8	5070.9
40°	8875.1	8965.3	8862.8	8727.6	8522.6	8219.2	7809.3	7321.5	6850.0	6472.9	6185.9
37.5°	10018.9	10129.5	10170.5	10162.3	10117.2	9986.1	9481.8	9018.6	8297.1	7452.6	7604.3
35°	12732.6	12847.4	12814.6	12691.6	12626.1	12486.7	11994.7	11445.4	10539.5	9621.2	9375.3
32.5°	16778.7	17028.8	16561.4	16049.0	15733.4	15844.1	15343.9	13999.3	13581.2	11925.1	11158.5
30°	17975.7	17971.6	17733.9	17524.8	17266.5	17213.2	16270.4	15196.4	14171.5	13011.4	12043.9
27.5°	17610.9	17537.1	17336.2	17184.5	16942.7	16815.6	15893.2	15040.6	13855.9	12818.7	11884.1
25°	16204.8	16262.2	16057.2	16028.5	15934.2	15688.3	15229.1	14269.9	13212.3	12064.4	11392.1
22.5°	15479.2	15458.7	15212.8	15069.3	15184.1	14921.7	14737.2	13769.8	12667.0	11699.6	10892.0
20°	14298.6	14302.7	14241.2	14228.9	14159.2	14040.3	13892.8	13208.2	12429.3	11601.2	10629.7
17.5°	14958.6	15126.7	15200.5	14589.6	14761.8	14626.5	14470.8	13515.6	12929.4	12195.6	10928.9
15°	15926.0	15864.6	15790.8	15758.0	15663.7	15536.6	15253.7	14491.3	13482.8	12724.4	11736.5
12.5°	15975.2	15856.4	15827.7	15823.6	15725.2	15548.9	15274.2	14642.9	13749.3	12826.9	12023.4
10°	16081.8	15958.8	15942.4	15962.9	15811.3	15700.6	15425.9	14839.7	13831.3	13003.2	12244.8
7.5°	16254.0	16049.0	16143.3	16081.8	16012.1	15835.9	15540.7	14966.8	14130.5	13236.9	12441.6
5°	16299.1	16073.6	16176.1	16118.7	16016.2	15844.1	15524.3	15048.8	14315.0	13331.1	12519.5
2.5°	16188.4	16122.8	16077.7	15971.1	15926.0	15737.5	15434.1	14925.8	14228.9	13290.1	12503.1
0°	16073.6	16131.0	16028.5	15921.9	15901.4	15749.8	15491.5	15032.4	14429.8	13404.9	12642.4
-2.5°	16098.2	16053.1	15983.4	15872.7	15766.2	15548.9	15315.2	14884.8	14237.1	13154.9	12445.7
-5°	16098.2	15889.1	15897.3	15901.4	15794.9	15569.4	15286.5	14921.7	14122.3	13150.8	12388.3
-7.5°	15786.7	15606.3	15577.6	15553.0	15524.3	15315.2	15093.9	14638.8	13929.6	13044.2	12228.4
-10°	15327.5	15151.3	15167.7	15130.8	15040.6	14901.2	14733.1	14323.2	13741.1	12708.0	11904.6
-12.5°	14753.6	14675.7	14630.6	14569.2	14479.0	14356.0	14183.8	13798.5	13175.4	12294.0	11531.5
-15°	14073.1	14015.7	13974.7	13937.8	13806.7	13679.6	13454.1	13097.5	12708.0	11761.1	10982.2
-17.5°	13392.6	13249.2	13191.8	13142.6	13056.5	12851.5	12646.5	12380.1	11834.9	11084.7	10416.5
-20°	12519.5	12433.4	12363.7	12298.1	12175.1	12015.2	11847.2	11539.7	11068.3	10461.6	9768.8



REPORT NUMBER: P722593

CATALOG NUMBER: IFLD-L-SA8A-827-U-76-VI

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	11605.3	11556.1	11498.7	11416.7	11334.7	11183.1	10949.4	10654.3	10285.3	9629.4	8981.7
-25°	10662.5	10568.2	10498.5	10420.6	10355.0	10215.6	9990.2	9707.3	9244.1	8678.4	8137.2
-27.5°	9551.5	9461.3	9424.4	9334.3	9276.9	9149.8	8924.3	8662.0	8243.8	7768.3	7219.0
-30°	8297.1	8313.5	8272.5	8186.4	8116.7	7952.8	7780.6	7559.2	7231.3	6776.3	6284.3
-32.5°	7137.0	7157.5	7108.3	7018.1	6927.9	6809.0	6649.2	6448.3	6202.3	5767.8	5341.5
-35°	5976.9	5968.7	5927.7	5874.4	5812.9	5714.5	5534.1	5382.5	5099.6	4796.3	4501.1
-37.5°	4935.6	4956.1	4943.8	4915.1	4845.5	4763.5	4615.9	4476.5	4267.4	4001.0	3771.4
-40°	4111.7	4136.3	4119.9	4091.2	4029.7	3980.5	3882.1	3759.1	3591.0	3361.5	3168.8
-42.5°	3480.4	3496.8	3476.3	3451.7	3398.4	3361.5	3283.6	3181.1	3041.7	2865.5	2693.3
-45°	2980.2	2984.3	2963.8	2947.4	2906.5	2861.4	2795.8	2713.8	2603.1	2480.1	2340.7
-47.5°	2586.7	2582.6	2562.1	2545.7	2512.9	2471.9	2418.6	2344.8	2258.8	2164.5	2053.8
-50°	2242.4	2262.9	2254.7	2238.3	2213.7	2185.0	2131.7	2053.8	1967.7	1898.0	1820.1
-52.5°	2004.6	2008.7	2004.6	2004.6	2000.5	1980.0	1918.5	1840.6	1746.3	1684.8	1619.2
-55°	1783.2	1803.7	1811.9	1820.1	1824.2	1824.2	1750.4	1668.4	1578.3	1516.8	1467.6
-57.5°	1602.9	1615.2	1623.3	1643.8	1660.2	1672.5	1607.0	1533.2	1463.5	1406.1	1361.0
-60°	1447.1	1463.5	1475.8	1496.3	1508.6	1516.8	1475.8	1426.6	1385.6	1348.7	1283.1
-62.5°	1307.7	1320.0	1332.3	1344.6	1356.9	1365.1	1348.7	1324.1	1303.6	1287.2	1205.2
-65°	1168.3	1180.6	1192.9	1209.3	1221.6	1229.8	1225.7	1209.3	1192.9	1176.5	1102.7
-67.5°	1041.2	1053.5	1069.9	1074.0	1082.2	1086.3	1078.1	1065.8	1045.3	1024.8	967.5
-70°	906.0	914.2	922.4	922.4	922.4	918.3	910.1	893.7	873.2	844.5	799.4
-72.5°	783.0	791.2	799.4	787.1	778.9	766.6	754.3	733.8	713.3	692.8	668.2
-75°	668.2	672.3	672.3	655.9	643.6	631.3	614.9	602.6	582.1	565.7	545.2
-77.5°	532.9	532.9	532.9	520.6	512.4	504.2	491.9	479.6	463.2	450.9	434.5
-80°	414.0	414.0	414.0	409.9	397.6	389.4	381.2	373.0	360.7	352.5	344.3
-82.5°	315.7	315.7	315.7	311.6	303.4	299.3	291.1	282.9	278.8	270.6	266.5
-85°	229.6	233.7	233.7	229.6	225.5	217.3	213.2	209.1	205.0	200.9	192.7
-87.5°	155.8	155.8	155.8	151.7	147.6	147.6	143.5	135.3	127.1	123.0	118.9
-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: P722593

CATALOG NUMBER: IFLD-L-SA8A-827-U-76-VI

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°	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
85°	12.3	12.3	12.3	16.4	16.4	16.4	16.4	16.4	16.4	16.4	12.3
82.5°	20.5	20.5	24.6	24.6	28.7	28.7	28.7	28.7	28.7	28.7	28.7
80°	20.5	24.6	28.7	32.8	36.9	41.0	41.0	41.0	41.0	36.9	36.9
77.5°	24.6	24.6	28.7	32.8	36.9	41.0	45.1	49.2	45.1	45.1	45.1
75°	24.6	28.7	28.7	32.8	36.9	41.0	45.1	49.2	49.2	49.2	49.2
72.5°	20.5	24.6	28.7	32.8	32.8	36.9	41.0	41.0	45.1	45.1	49.2
70°	20.5	24.6	28.7	28.7	32.8	32.8	36.9	41.0	41.0	45.1	45.1
67.5°	24.6	28.7	28.7	32.8	36.9	36.9	36.9	41.0	41.0	45.1	45.1
65°	28.7	32.8	32.8	36.9	41.0	41.0	45.1	45.1	45.1	49.2	49.2
62.5°	49.2	49.2	49.2	45.1	49.2	49.2	49.2	53.3	53.3	49.2	53.3
60°	254.2	184.5	127.1	159.9	143.5	65.6	65.6	65.6	61.5	61.5	57.4
57.5°	598.5	557.5	479.6	405.8	364.8	323.8	200.9	82.0	82.0	73.8	65.6
55°	1000.2	865.0	807.6	709.2	602.6	553.4	459.1	311.6	147.6	98.4	86.1
52.5°	1549.6	1422.5	1274.9	1074.0	930.6	815.8	737.9	586.2	393.5	209.1	131.2
50°	2074.3	2016.9	1926.7	1729.9	1430.7	1238.0	1110.9	938.8	705.1	430.4	246.0
47.5°	3341.0	2861.4	2570.3	2418.6	2168.6	1803.7	1557.8	1365.1	1082.2	725.6	434.5
45°	4206.0	3902.6	3439.4	3119.6	2750.7	2365.3	2045.6	1824.2	1488.1	1086.3	680.5
42.5°	4947.9	4685.6	4267.4	3800.1	3410.7	2906.5	2496.5	2205.5	1922.6	1484.0	1016.6
40°	5903.1	5591.5	5189.8	4734.8	4279.7	3636.1	2972.0	2619.5	2307.9	1918.5	1373.3
37.5°	7477.2	6927.9	6272.0	5767.8	5173.4	4628.2	3718.1	3095.0	2726.1	2320.2	1791.4
35°	9371.2	8768.5	7674.0	7005.8	6210.5	5398.9	4579.0	3656.6	3131.9	2701.5	2176.8
32.5°	11133.9	10252.5	8850.5	8067.6	7538.7	6042.5	5193.9	4394.5	3550.1	3021.2	2398.1
30°	11621.7	10650.2	9645.8	8731.7	7829.8	6620.5	5616.1	4993.0	4074.8	3213.9	2607.2
27.5°	11129.8	10461.6	9682.7	8834.1	7858.5	6821.3	5874.4	5280.0	4460.1	3345.1	2771.2
25°	10629.7	9932.8	9387.6	8678.4	7776.5	6809.0	5882.6	5460.4	4759.4	3599.2	2861.4
22.5°	10100.8	9666.3	9215.4	8424.2	7571.5	6845.9	6149.1	5616.1	4915.1	3886.2	2898.3
20°	10129.5	9846.7	9350.7	8293.0	7534.6	7063.2	6468.8	5812.9	5083.2	4136.3	2926.9
17.5°	10588.7	10219.7	9596.6	8678.4	7866.7	7284.6	6735.3	6083.5	5255.4	4357.6	3275.4
15°	11154.4	10592.8	9941.0	9133.4	8215.1	7526.4	6940.2	6272.0	5452.2	4562.6	3586.9
12.5°	11564.3	10764.9	10154.1	9424.4	8592.3	7788.8	7075.5	6415.5	5636.6	4730.7	3820.6
10°	11703.7	10978.1	10256.6	9604.8	8784.9	7928.2	7178.0	6505.7	5796.5	4861.8	3992.8
7.5°	11777.5	11162.6	10326.3	9686.8	8899.7	8014.3	7260.0	6554.9	5923.6	4952.0	4103.5
5°	11769.3	11261.0	10379.6	9711.4	8961.2	8051.2	7317.4	6567.2	6013.8	5029.9	4169.1
2.5°	11732.4	11326.6	10465.7	9752.4	9084.2	8120.8	7428.1	6591.8	6046.6	5116.0	4214.1
0°	11867.7	11330.7	10555.9	9764.7	9166.2	8145.4	7477.2	6571.3	6001.5	5140.6	4210.0
-2.5°	11576.6	11088.8	10535.4	9658.1	9055.5	8088.1	7387.1	6505.7	5903.1	5111.9	4193.7
-5°	11527.4	10912.5	10363.2	9559.7	8871.0	7969.2	7219.0	6382.7	5747.3	5017.6	4128.1
-7.5°	11396.2	10744.4	10195.1	9481.8	8698.9	7846.2	7059.1	6255.6	5579.2	4870.0	4033.8
-10°	11109.3	10486.2	10014.8	9313.8	8489.8	7669.9	6866.4	6087.6	5382.5	4669.2	3886.2
-12.5°	10699.3	10076.2	9608.9	8957.1	8227.4	7432.2	6636.9	5870.3	5157.0	4456.0	3709.9
-15°	10236.1	9604.8	9137.5	8543.1	7838.0	7063.2	6345.8	5595.6	4898.7	4230.5	3500.9
-17.5°	9711.4	9112.9	8662.0	8084.0	7383.0	6645.1	5931.8	5251.3	4599.5	3996.9	3259.0
-20°	9104.7	8522.6	8108.5	7530.5	6886.9	6169.5	5476.8	4833.2	4246.9	3681.2	2992.5

REPORT NUMBER: P722593

CATALOG NUMBER: IFLD-L-SA8A-827-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°	8354.5	7842.1	7370.7	6854.1	6292.5	5636.6	4993.0	4423.2	3861.6	3308.2	2717.9
-25°	7587.9	7091.9	6632.8	6161.3	5624.3	5058.6	4509.3	3992.8	3443.5	2943.3	2451.4
-27.5°	6735.3	6292.5	5882.6	5448.1	4956.1	4468.3	4017.4	3513.2	3037.6	2611.3	2189.1
-30°	5825.2	5464.5	5107.8	4722.5	4324.8	3914.9	3513.2	3037.6	2664.6	2324.3	1967.7
-32.5°	4952.0	4628.2	4341.2	4054.3	3709.9	3373.8	3017.1	2664.6	2353.0	2053.8	1754.5
-35°	4185.5	3841.1	3681.2	3451.7	3177.0	2873.7	2582.6	2336.6	2086.6	1816.0	1549.6
-37.5°	3521.4	3300.0	3111.4	2939.2	2722.0	2459.6	2250.6	2049.7	1840.6	1594.7	1365.1
-40°	3000.7	2840.9	2652.3	2525.2	2348.9	2160.4	1951.3	1783.2	1607.0	1406.1	1217.5
-42.5°	2582.6	2451.4	2328.4	2193.2	2062.0	1902.1	1721.7	1561.9	1402.0	1254.4	1098.6
-45°	2238.3	2144.0	2045.6	1934.9	1820.1	1680.7	1533.2	1369.2	1254.4	1123.2	992.0
-47.5°	1955.4	1885.7	1803.7	1717.6	1619.2	1496.3	1361.0	1242.1	1123.2	1012.5	885.5
-50°	1729.9	1664.3	1598.8	1525.0	1438.9	1332.3	1229.8	1119.1	1008.4	901.9	783.0
-52.5°	1541.4	1484.0	1430.7	1369.2	1287.2	1197.0	1102.7	1004.3	901.9	795.3	701.0
-55°	1410.2	1344.6	1291.3	1229.8	1156.0	1069.9	983.8	893.7	795.3	713.3	635.4
-57.5°	1303.6	1229.8	1168.3	1102.7	1028.9	955.2	877.3	795.3	721.5	643.6	569.8
-60°	1213.4	1127.3	1057.6	992.0	922.4	852.7	787.1	717.4	647.7	578.0	504.2
-62.5°	1119.1	1028.9	942.9	881.4	828.1	766.6	709.2	643.6	582.1	512.4	459.1
-65°	1012.5	926.5	844.5	791.2	742.0	688.7	635.4	578.0	524.7	471.4	422.2
-67.5°	893.7	819.9	762.5	713.3	664.1	619.0	569.8	520.6	475.5	422.2	373.0
-70°	750.2	709.2	676.4	639.5	594.4	553.4	508.3	463.2	414.0	368.9	323.8
-72.5°	639.5	614.9	590.3	553.4	512.4	475.5	438.6	397.6	356.6	315.7	278.8
-75°	524.7	504.2	483.7	459.1	426.3	397.6	364.8	327.9	295.2	266.5	237.8
-77.5°	422.2	405.8	393.5	373.0	348.4	323.8	303.4	278.8	254.2	225.5	196.8
-80°	336.1	327.9	323.8	315.7	295.2	274.7	258.3	237.8	213.2	192.7	172.2
-82.5°	262.4	262.4	258.3	254.2	237.8	221.4	209.1	192.7	176.3	159.9	139.4
-85°	192.7	188.6	188.6	184.5	172.2	164.0	151.7	143.5	131.2	114.8	106.6
-87.5°	114.8	110.7	106.6	102.5	94.3	90.2	82.0	77.9	69.7	61.5	57.4
-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: P722593

CATALOG NUMBER: IFLD-L-SA8A-827-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°	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	0.0	0.0
85°	12.3	8.2	8.2	8.2	8.2	8.2	4.1	4.1	4.1	4.1	4.1
82.5°	24.6	24.6	20.5	20.5	16.4	12.3	8.2	8.2	8.2	4.1	4.1
80°	36.9	36.9	36.9	32.8	28.7	20.5	16.4	12.3	8.2	4.1	4.1
77.5°	45.1	41.0	41.0	36.9	36.9	32.8	24.6	20.5	12.3	8.2	4.1
75°	45.1	45.1	45.1	41.0	41.0	36.9	32.8	24.6	20.5	12.3	8.2
72.5°	49.2	45.1	45.1	45.1	41.0	36.9	32.8	28.7	24.6	16.4	8.2
70°	45.1	45.1	45.1	45.1	41.0	41.0	32.8	28.7	28.7	16.4	12.3
67.5°	45.1	45.1	45.1	41.0	41.0	36.9	32.8	28.7	28.7	20.5	12.3
65°	49.2	45.1	45.1	45.1	41.0	36.9	32.8	28.7	28.7	24.6	16.4
62.5°	53.3	49.2	49.2	45.1	41.0	36.9	32.8	28.7	28.7	24.6	16.4
60°	57.4	53.3	49.2	49.2	45.1	41.0	32.8	32.8	28.7	24.6	16.4
57.5°	61.5	57.4	57.4	53.3	49.2	45.1	36.9	32.8	28.7	24.6	20.5
55°	73.8	65.6	61.5	61.5	57.4	49.2	41.0	32.8	28.7	24.6	20.5
52.5°	98.4	77.9	69.7	69.7	65.6	57.4	45.1	36.9	28.7	24.6	20.5
50°	155.8	98.4	82.0	73.8	73.8	65.6	53.3	41.0	28.7	24.6	20.5
47.5°	246.0	164.0	98.4	86.1	82.0	77.9	61.5	41.0	32.8	24.6	20.5
45°	405.8	241.9	159.9	102.5	86.1	82.0	69.7	45.1	32.8	28.7	20.5
42.5°	557.5	377.1	246.0	123.0	102.5	90.2	73.8	49.2	36.9	28.7	20.5
40°	877.3	516.5	344.3	200.9	118.9	94.3	82.0	57.4	36.9	28.7	20.5
37.5°	1188.8	684.6	463.2	295.2	135.3	106.6	86.1	61.5	41.0	28.7	24.6
35°	1500.4	959.3	573.9	393.5	180.4	127.1	90.2	65.6	41.0	28.7	24.6
32.5°	1779.1	1217.5	688.7	491.9	270.6	151.7	98.4	69.7	45.1	32.8	24.6
30°	2008.7	1455.3	893.7	578.0	352.5	184.5	106.6	69.7	49.2	32.8	24.6
27.5°	2180.9	1639.7	1102.7	668.2	422.2	217.3	123.0	77.9	49.2	32.8	24.6
25°	2320.2	1783.2	1287.2	762.5	483.7	270.6	147.6	82.0	53.3	36.9	24.6
22.5°	2430.9	1902.1	1438.9	889.6	557.5	323.8	180.4	90.2	53.3	36.9	24.6
20°	2582.6	2021.0	1541.4	1024.8	635.4	373.0	209.1	98.4	53.3	36.9	28.7
17.5°	2713.8	2139.9	1623.3	1139.6	713.3	409.9	241.9	106.6	57.4	36.9	28.7
15°	2865.5	2254.7	1697.1	1229.8	787.1	442.7	270.6	114.8	57.4	41.0	28.7
12.5°	3029.4	2361.2	1750.4	1303.6	865.0	471.4	295.2	131.2	61.5	41.0	28.7
10°	3197.5	2451.4	1795.5	1356.9	922.4	500.1	311.6	147.6	65.6	41.0	28.7
7.5°	3365.6	2533.4	1852.9	1381.5	947.0	532.9	319.8	164.0	65.6	45.1	28.7
5°	3480.4	2586.7	1934.9	1397.9	959.3	569.8	332.0	184.5	69.7	45.1	28.7
2.5°	3578.7	2619.5	2021.0	1410.2	963.4	590.3	327.9	196.8	73.8	45.1	28.7
0°	3623.8	2619.5	2078.4	1402.0	951.1	610.8	327.9	209.1	73.8	45.1	28.7
-2.5°	3554.2	2693.3	2062.0	1406.1	955.2	610.8	344.3	213.2	82.0	49.2	28.7
-5°	3443.5	2722.0	2012.8	1385.6	947.0	610.8	364.8	217.3	86.1	49.2	32.8
-7.5°	3336.9	2734.3	1955.4	1365.1	934.7	594.4	368.9	213.2	94.3	53.3	32.8
-10°	3197.5	2599.0	1881.6	1328.2	910.1	582.1	377.1	213.2	98.4	53.3	32.8
-12.5°	3037.6	2435.0	1791.4	1274.9	881.4	569.8	381.2	213.2	102.5	57.4	32.8
-15°	2853.2	2266.9	1688.9	1217.5	840.4	553.4	373.0	209.1	106.6	57.4	36.9
-17.5°	2644.1	2103.0	1582.4	1147.8	795.3	532.9	356.6	205.0	106.6	57.4	36.9
-20°	2406.3	1939.0	1463.5	1078.1	742.0	508.3	340.2	196.8	106.6	57.4	36.9

REPORT NUMBER: P722593

CATALOG NUMBER: IFLD-L-SA8A-827-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	2193.2	1787.3	1340.5	1000.2	684.6	479.6	319.8	188.6	106.6	61.5	36.9
-25°	2016.9	1639.7	1246.2	922.4	623.1	446.8	299.3	180.4	106.6	61.5	36.9
-27.5°	1832.4	1479.9	1147.8	848.6	582.1	418.1	278.8	172.2	102.5	61.5	36.9
-30°	1643.8	1324.1	1045.3	766.6	541.1	389.4	262.4	159.9	102.5	61.5	36.9
-32.5°	1471.7	1197.0	951.1	684.6	496.0	360.7	246.0	155.8	98.4	61.5	36.9
-35°	1303.6	1082.2	852.7	619.0	446.8	332.0	229.6	151.7	98.4	61.5	36.9
-37.5°	1164.2	975.6	762.5	573.9	418.1	307.5	213.2	143.5	94.3	61.5	36.9
-40°	1049.4	877.3	676.4	524.7	393.5	282.9	196.8	139.4	94.3	61.5	36.9
-42.5°	942.9	783.0	623.1	483.7	368.9	266.5	184.5	135.3	90.2	61.5	36.9
-45°	848.6	701.0	569.8	446.8	340.2	246.0	176.3	127.1	86.1	61.5	41.0
-47.5°	754.3	643.6	520.6	414.0	311.6	221.4	168.1	123.0	82.0	57.4	41.0
-50°	680.5	582.1	479.6	377.1	282.9	213.2	159.9	114.8	82.0	57.4	41.0
-52.5°	614.9	524.7	434.5	340.2	258.3	200.9	151.7	106.6	77.9	57.4	41.0
-55°	553.4	471.4	389.4	303.4	241.9	188.6	139.4	98.4	77.9	57.4	41.0
-57.5°	491.9	422.2	344.3	274.7	221.4	176.3	131.2	98.4	77.9	57.4	41.0
-60°	442.7	377.1	311.6	254.2	205.0	159.9	118.9	94.3	73.8	57.4	41.0
-62.5°	401.7	340.2	282.9	229.6	188.6	143.5	114.8	94.3	73.8	57.4	36.9
-65°	360.7	307.5	254.2	209.1	168.1	135.3	110.7	90.2	73.8	57.4	36.9
-67.5°	319.8	270.6	229.6	184.5	155.8	131.2	106.6	90.2	69.7	53.3	36.9
-70°	278.8	237.8	200.9	172.2	147.6	123.0	102.5	86.1	69.7	49.2	32.8
-72.5°	246.0	209.1	180.4	159.9	139.4	118.9	98.4	82.0	65.6	45.1	28.7
-75°	209.1	184.5	164.0	143.5	127.1	110.7	94.3	73.8	57.4	41.0	28.7
-77.5°	176.3	159.9	143.5	131.2	114.8	98.4	82.0	65.6	53.3	36.9	24.6
-80°	151.7	139.4	127.1	114.8	102.5	86.1	73.8	57.4	45.1	32.8	20.5
-82.5°	123.0	114.8	102.5	94.3	86.1	73.8	61.5	49.2	32.8	24.6	16.4
-85°	94.3	86.1	82.0	73.8	65.6	53.3	41.0	32.8	24.6	16.4	8.2
-87.5°	49.2	45.1	41.0	36.9	32.8	24.6	20.5	16.4	12.3	8.2	4.1
-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: P722593

CATALOG NUMBER: IFLD-L-SA8A-827-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°	4.1	0.0	0.0	0.0
77.5°	4.1	0.0	0.0	0.0
75°	4.1	4.1	0.0	0.0
72.5°	4.1	4.1	0.0	0.0
70°	4.1	4.1	0.0	0.0
67.5°	8.2	4.1	0.0	0.0
65°	8.2	4.1	0.0	0.0
62.5°	8.2	4.1	0.0	0.0
60°	8.2	4.1	0.0	0.0
57.5°	12.3	4.1	4.1	0.0
55°	12.3	4.1	4.1	0.0
52.5°	12.3	4.1	4.1	0.0
50°	12.3	8.2	4.1	0.0
47.5°	12.3	8.2	4.1	0.0
45°	12.3	8.2	4.1	0.0
42.5°	12.3	8.2	4.1	0.0
40°	16.4	8.2	4.1	0.0
37.5°	16.4	8.2	4.1	0.0
35°	16.4	8.2	4.1	0.0
32.5°	16.4	8.2	4.1	0.0
30°	16.4	8.2	4.1	0.0
27.5°	16.4	12.3	4.1	0.0
25°	16.4	12.3	4.1	0.0
22.5°	20.5	12.3	4.1	0.0
20°	20.5	12.3	4.1	0.0
17.5°	20.5	12.3	4.1	0.0
15°	20.5	12.3	4.1	0.0
12.5°	20.5	12.3	4.1	0.0
10°	20.5	12.3	4.1	0.0
7.5°	20.5	12.3	4.1	0.0
5°	20.5	12.3	4.1	0.0
2.5°	20.5	12.3	4.1	0.0
0°	20.5	12.3	4.1	0.0
-2.5°	20.5	12.3	4.1	0.0
-5°	20.5	12.3	4.1	0.0
-7.5°	20.5	12.3	4.1	0.0
-10°	20.5	12.3	4.1	0.0
-12.5°	24.6	12.3	4.1	0.0
-15°	24.6	12.3	4.1	0.0
-17.5°	24.6	12.3	4.1	0.0
-20°	24.6	12.3	4.1	0.0

REPORT NUMBER: P722593

CATALOG NUMBER: IFLD-L-SA8A-827-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	24.6	12.3	4.1	0.0
-25°	24.6	12.3	4.1	0.0
-27.5°	24.6	12.3	4.1	0.0
-30°	24.6	12.3	4.1	0.0
-32.5°	24.6	12.3	4.1	0.0
-35°	24.6	12.3	4.1	0.0
-37.5°	24.6	12.3	4.1	0.0
-40°	24.6	12.3	4.1	0.0
-42.5°	20.5	12.3	4.1	0.0
-45°	24.6	12.3	4.1	0.0
-47.5°	24.6	12.3	4.1	0.0
-50°	24.6	12.3	4.1	0.0
-52.5°	24.6	12.3	4.1	0.0
-55°	24.6	12.3	4.1	0.0
-57.5°	24.6	12.3	4.1	0.0
-60°	24.6	12.3	4.1	0.0
-62.5°	20.5	12.3	4.1	0.0
-65°	20.5	8.2	4.1	0.0
-67.5°	20.5	8.2	4.1	0.0
-70°	20.5	8.2	4.1	0.0
-72.5°	16.4	8.2	4.1	0.0
-75°	16.4	8.2	4.1	0.0
-77.5°	12.3	4.1	0.0	0.0
-80°	12.3	4.1	0.0	0.0
-82.5°	8.2	4.1	0.0	0.0
-85°	4.1	4.1	0.0	0.0
-87.5°	4.1	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)