

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: P722587

Luminaire Tested: **IFLD-M-SA4E-827-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722587
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-M-SA4E-827-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (64) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	27213.6 lumens	Max Intensity:	18998.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	86.4 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 0.5' 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:	17361.1 lumens	Field Lumens:	25656.3 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

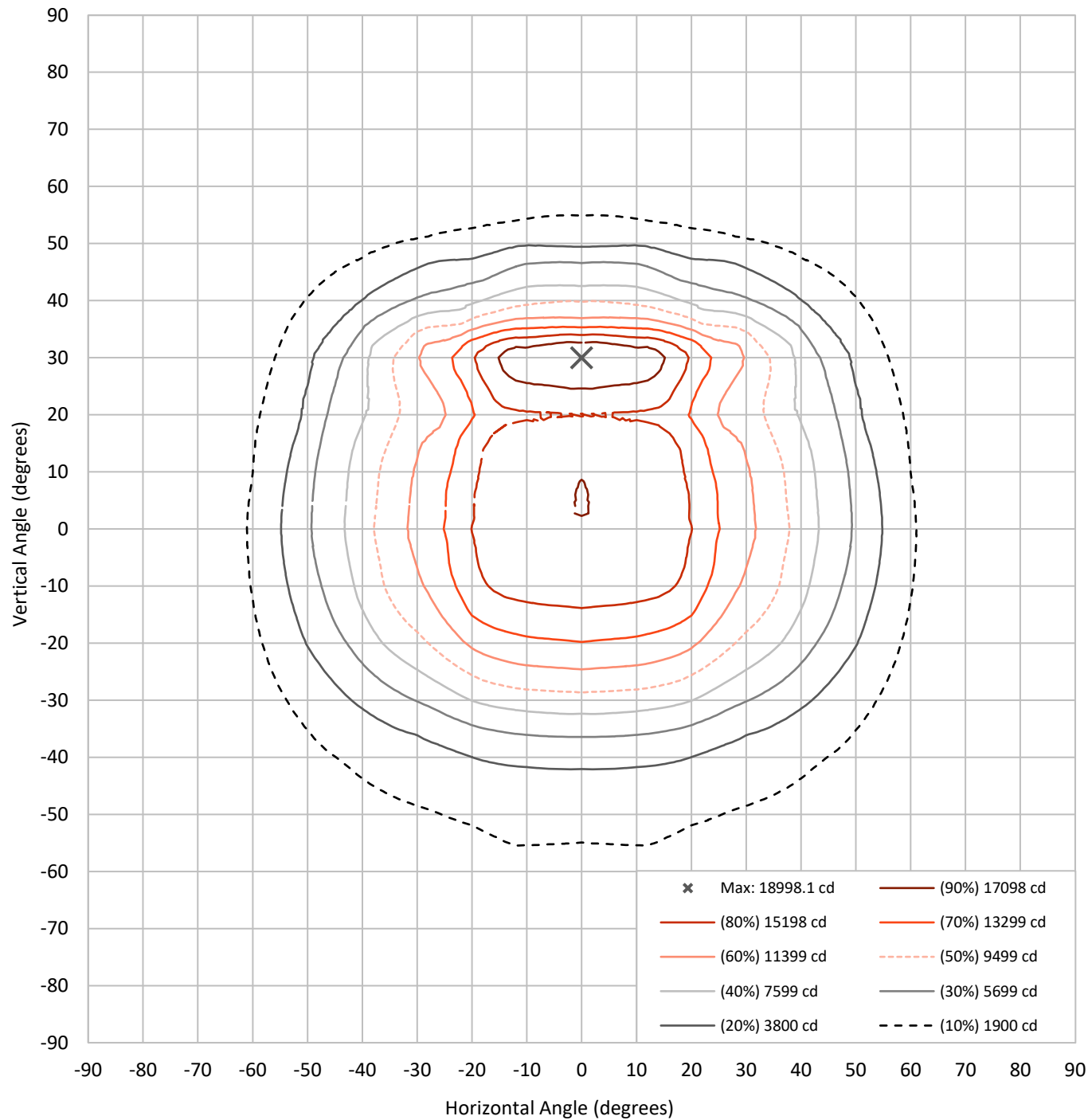
Input Watts (W): 314.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT





REPORT NUMBER: P722587
CATALOG NUMBER: IFLD-M-SA4E-827-U-76-VI

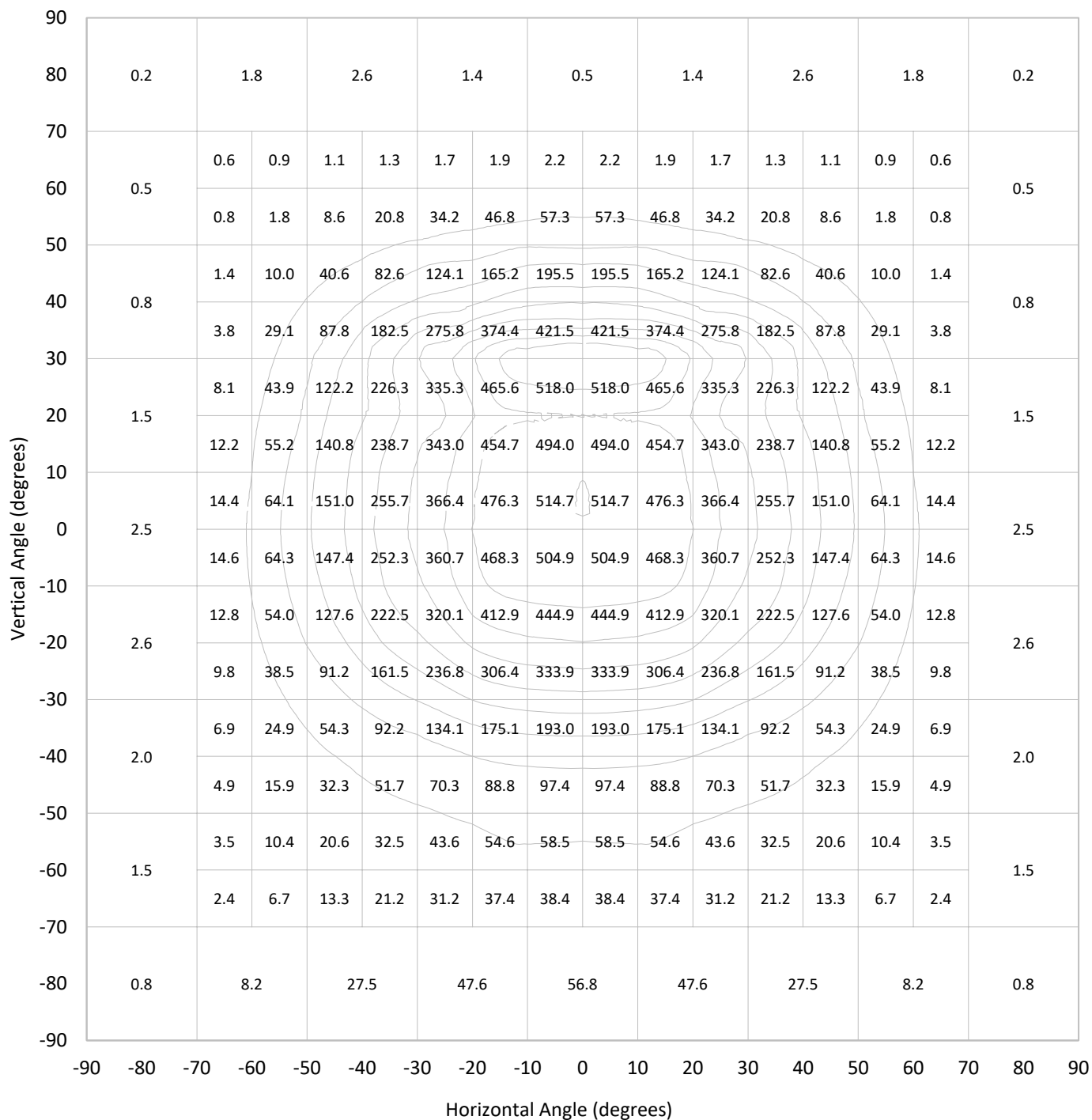
Iso-Candela Plot



REPORT NUMBER: P722587

CATALOG NUMBER: IFLD-M-SA4E-827-U-76-VI

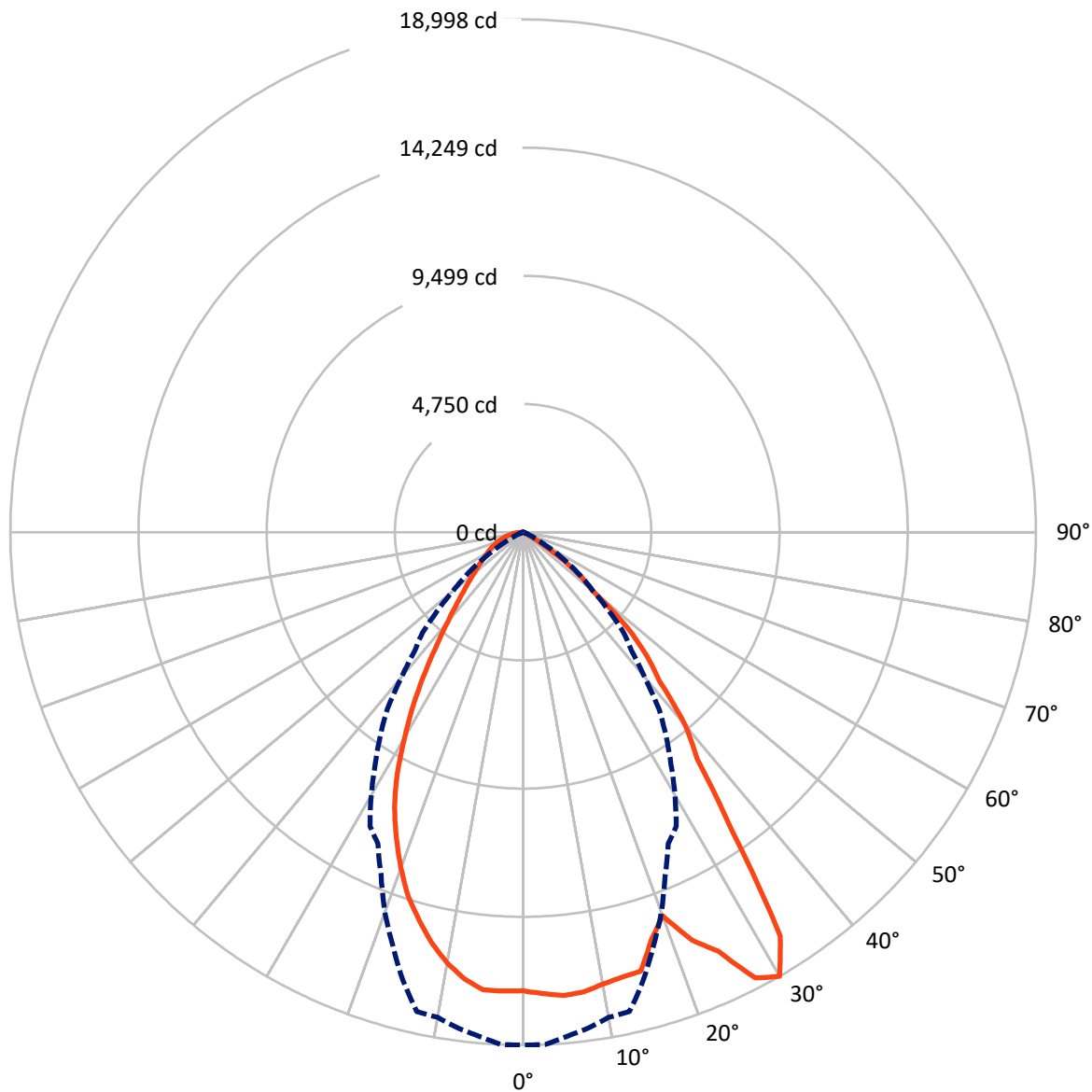
Lumen Table



REPORT NUMBER: P722587

CATALOG NUMBER: IFLD-M-SA4E-827-U-76-VI

Luminous Intensity Polar Plot

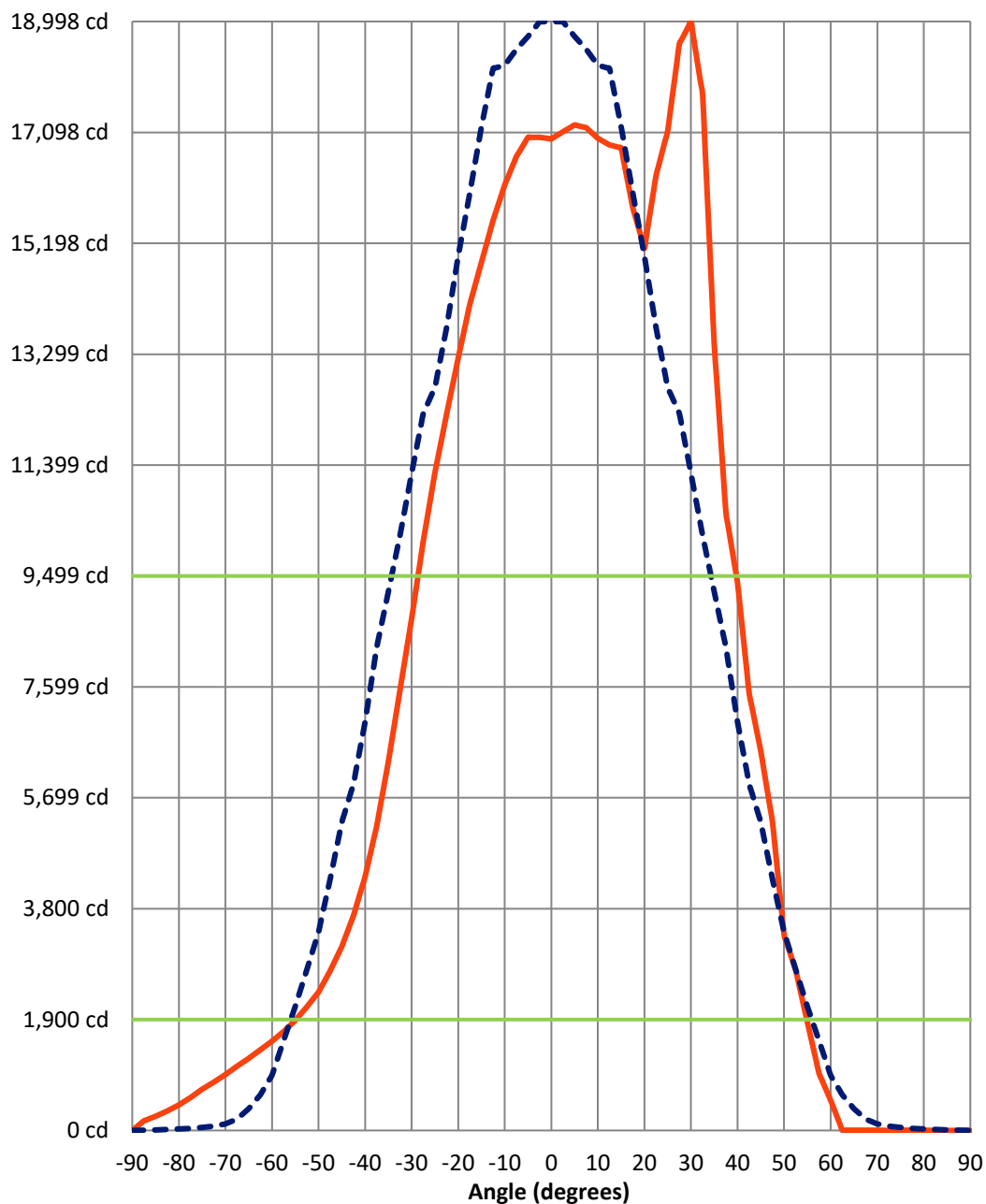


— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 30-Deg

REPORT NUMBER: P722587

CATALOG NUMBER: IFLD-M-SA4E-827-U-76-VI

Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 17361.1

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 25656.3

Efficiency: 94.3%

Spill:

Lumens: 1557.3

Efficiency: 5.7%

— Vertical Distribution through 0-Deg

- - - Horizontal Distribution through 30-Deg

REPORT NUMBER: P722587

CATALOG NUMBER: IFLD-M-SA4E-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	4.3	4.3	4.3	4.3	4.3	4.3	4.3
85°	0.0	4.3	4.3	4.3	8.7	8.7	8.7	8.7	8.7	8.7	13.0
82.5°	0.0	4.3	4.3	4.3	8.7	8.7	8.7	8.7	13.0	13.0	17.3
80°	4.3	4.3	4.3	4.3	8.7	8.7	8.7	13.0	13.0	17.3	17.3
77.5°	4.3	4.3	4.3	8.7	8.7	8.7	13.0	13.0	17.3	17.3	21.7
75°	4.3	4.3	4.3	8.7	8.7	13.0	13.0	13.0	17.3	17.3	21.7
72.5°	0.0	4.3	4.3	8.7	8.7	13.0	13.0	13.0	17.3	17.3	17.3
70°	4.3	4.3	4.3	8.7	8.7	13.0	13.0	13.0	17.3	17.3	17.3
67.5°	4.3	4.3	4.3	8.7	8.7	13.0	13.0	17.3	17.3	17.3	21.7
65°	4.3	4.3	4.3	8.7	13.0	13.0	17.3	21.7	21.7	26.0	30.3
62.5°	4.3	8.7	8.7	13.0	17.3	21.7	47.7	73.7	73.7	52.0	43.3
60°	515.6	558.9	554.6	502.6	437.6	368.3	355.3	342.3	316.3	277.3	290.3
57.5°	979.1	1031.1	1052.8	1039.8	1005.1	944.5	909.8	870.8	818.8	758.2	688.9
55°	1854.3	1876.0	1828.3	1737.3	1637.7	1538.0	1503.4	1451.4	1373.4	1295.4	1191.4
52.5°	2742.5	2816.1	2794.5	2703.5	2569.2	2391.6	2196.6	2045.0	1954.0	1867.3	1763.3
50°	3349.0	3379.4	3440.0	3548.3	3587.3	3466.0	3149.7	2742.5	2452.2	2599.5	2486.9
47.5°	5285.7	5437.3	5407.0	5329.0	5199.0	4869.8	4427.8	4063.9	3760.6	3661.0	3678.3
45°	6494.5	6555.1	6533.4	6498.8	6438.1	6130.5	5640.9	5082.0	4800.4	4687.8	4570.8
42.5°	7486.6	7551.6	7564.6	7568.9	7503.9	7222.3	6780.4	6221.5	5939.9	5614.9	5359.3
40°	9379.9	9475.2	9366.9	9223.9	9007.3	8686.7	8253.5	7737.9	7239.6	6841.1	6537.8
37.5°	10588.7	10705.7	10749.0	10740.3	10692.7	10554.0	10021.1	9531.5	8769.0	7876.5	8036.8
35°	13456.8	13578.1	13543.5	13413.5	13344.2	13196.9	12677.0	12096.4	11138.9	10168.4	9908.5
32.5°	17733.0	17997.3	17503.4	16961.8	16628.2	16745.2	16216.6	14795.6	14353.6	12603.3	11793.1
30°	18998.1	18993.8	18742.5	18521.5	18248.6	18192.3	17195.8	16060.7	14977.5	13751.4	12728.9
27.5°	18612.5	18534.5	18322.2	18161.9	17906.3	17772.0	16797.2	15896.0	14643.9	13547.8	12560.0
25°	17126.5	17187.1	16970.5	16940.2	16840.5	16580.6	16095.3	15081.5	13963.7	12750.6	12040.1
22.5°	16359.6	16337.9	16078.0	15926.4	16047.7	15770.4	15575.4	14552.9	13387.5	12365.0	11511.5
20°	15111.8	15116.2	15051.2	15038.2	14964.5	14838.9	14682.9	13959.4	13136.2	12261.0	11234.2
17.5°	15809.4	15987.0	16065.0	15419.4	15601.4	15458.4	15293.8	14284.3	13664.8	12889.3	11550.5
15°	16831.8	16766.9	16688.9	16654.2	16554.6	16420.3	16121.3	15315.5	14249.7	13448.1	12404.0
12.5°	16883.8	16758.2	16727.9	16723.5	16619.6	16433.3	16143.0	15475.8	14531.3	13556.5	12707.3
10°	16996.5	16866.5	16849.2	16870.8	16710.5	16593.6	16303.3	15683.7	14617.9	13742.8	12941.2
7.5°	17178.4	16961.8	17061.5	16996.5	16922.8	16736.5	16424.6	15818.0	14934.2	13989.7	13149.2
5°	17226.1	16987.8	17096.1	17035.5	16927.2	16745.2	16407.3	15904.7	15129.2	14089.4	13231.5
2.5°	17109.1	17039.8	16992.2	16879.5	16831.8	16632.6	16311.9	15774.7	15038.2	14046.0	13214.2
0°	16987.8	17048.5	16940.2	16827.5	16805.9	16645.5	16372.6	15887.4	15250.5	14167.3	13361.5
-2.5°	17013.8	16966.2	16892.5	16775.5	16662.9	16433.3	16186.3	15731.4	15046.8	13903.1	13153.5
-5°	17013.8	16792.9	16801.5	16805.9	16693.2	16454.9	16156.0	15770.4	14925.5	13898.7	13092.9
-7.5°	16684.5	16493.9	16463.6	16437.6	16407.3	16186.3	15952.3	15471.4	14721.9	13786.1	12923.9
-10°	16199.3	16013.0	16030.3	15991.3	15896.0	15748.7	15571.1	15137.8	14522.6	13430.8	12581.6
-12.5°	15592.7	15510.4	15462.8	15397.8	15302.5	15172.5	14990.5	14583.3	13924.7	12993.2	12187.4
-15°	14873.5	14812.9	14769.6	14730.6	14591.9	14457.6	14219.3	13842.4	13430.8	12430.0	11606.8
-17.5°	14154.3	14002.7	13942.1	13890.1	13799.1	13582.5	13365.8	13084.2	12508.0	11715.1	11008.9
-20°	13231.5	13140.5	13066.9	12997.6	12867.6	12698.6	12521.0	12196.0	11697.8	11056.6	10324.4

REPORT NUMBER: P722587

CATALOG NUMBER: IFLD-M-SA4E-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°	12265.4	12213.4	12152.7	12066.1	11979.4	11819.1	11572.2	11260.2	10870.3	10177.1	9492.6
-25°	11268.9	11169.2	11095.6	11013.3	10944.0	10796.6	10558.4	10259.4	9769.8	9171.9	8600.1
-27.5°	10094.8	9999.5	9960.5	9865.2	9804.5	9670.2	9431.9	9154.6	8712.7	8210.1	7629.6
-30°	8769.0	8786.4	8743.0	8652.0	8578.4	8405.1	8223.1	7989.2	7642.6	7161.7	6641.8
-32.5°	7542.9	7564.6	7512.6	7417.3	7322.0	7196.3	7027.4	6815.1	6555.1	6095.9	5645.3
-35°	6316.8	6308.2	6264.8	6208.5	6143.5	6039.5	5848.9	5688.6	5389.7	5069.1	4757.1
-37.5°	5216.4	5238.0	5225.0	5194.7	5121.0	5034.4	4878.4	4731.1	4510.2	4228.5	3985.9
-40°	4345.5	4371.5	4354.2	4323.9	4258.9	4206.9	4102.9	3972.9	3795.3	3552.7	3349.0
-42.5°	3678.3	3695.6	3674.0	3648.0	3591.7	3552.7	3470.4	3362.0	3214.7	3028.4	2846.5
-45°	3149.7	3154.1	3132.4	3115.1	3071.8	3024.1	2954.8	2868.1	2751.2	2621.2	2473.9
-47.5°	2733.8	2729.5	2707.8	2690.5	2655.8	2612.5	2556.2	2478.2	2387.2	2287.6	2170.6
-50°	2369.9	2391.6	2382.9	2365.6	2339.6	2309.2	2252.9	2170.6	2079.6	2006.0	1923.6
-52.5°	2118.6	2122.9	2118.6	2118.6	2114.3	2092.6	2027.6	1945.3	1845.7	1780.7	1711.3
-55°	1884.6	1906.3	1915.0	1923.6	1928.0	1928.0	1850.0	1763.3	1668.0	1603.0	1551.0
-57.5°	1694.0	1707.0	1715.7	1737.3	1754.7	1767.7	1698.3	1620.4	1546.7	1486.1	1438.4
-60°	1529.4	1546.7	1559.7	1581.4	1594.4	1603.0	1559.7	1507.7	1464.4	1425.4	1356.1
-62.5°	1382.1	1395.1	1408.1	1421.1	1434.1	1442.7	1425.4	1399.4	1377.7	1360.4	1273.8
-65°	1234.8	1247.8	1260.8	1278.1	1291.1	1299.8	1295.4	1278.1	1260.8	1243.4	1165.4
-67.5°	1100.5	1113.5	1130.8	1135.1	1143.8	1148.1	1139.5	1126.5	1104.8	1083.1	1022.5
-70°	957.5	966.2	974.8	974.8	974.8	970.5	961.8	944.5	922.8	892.5	844.8
-72.5°	827.5	836.2	844.8	831.8	823.2	810.2	797.2	775.5	753.9	732.2	706.2
-75°	706.2	710.5	710.5	693.2	680.2	667.2	649.9	636.9	615.2	597.9	576.2
-77.5°	563.2	563.2	563.2	550.2	541.6	532.9	519.9	506.9	489.6	476.6	459.2
-80°	437.6	437.6	437.6	433.3	420.3	411.6	402.9	394.3	381.3	372.6	363.9
-82.5°	333.6	333.6	333.6	329.3	320.6	316.3	307.6	298.9	294.6	285.9	281.6
-85°	242.6	247.0	247.0	242.6	238.3	229.6	225.3	221.0	216.6	212.3	203.6
-87.5°	164.6	164.6	164.6	160.3	156.0	156.0	151.6	143.0	134.3	130.0	125.6
-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: P722587

CATALOG NUMBER: IFLD-M-SA4E-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°	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
85°	13.0	13.0	13.0	17.3	17.3	17.3	17.3	17.3	17.3	17.3	13.0
82.5°	21.7	21.7	26.0	26.0	30.3	30.3	30.3	30.3	30.3	30.3	30.3
80°	21.7	26.0	30.3	34.7	39.0	43.3	43.3	43.3	43.3	39.0	39.0
77.5°	26.0	26.0	30.3	34.7	39.0	43.3	47.7	52.0	47.7	47.7	47.7
75°	26.0	30.3	30.3	34.7	39.0	43.3	47.7	52.0	52.0	52.0	52.0
72.5°	21.7	26.0	30.3	34.7	34.7	39.0	43.3	43.3	47.7	47.7	52.0
70°	21.7	26.0	30.3	30.3	34.7	34.7	39.0	43.3	43.3	47.7	47.7
67.5°	26.0	30.3	30.3	34.7	39.0	39.0	39.0	43.3	43.3	47.7	47.7
65°	30.3	34.7	34.7	39.0	43.3	43.3	47.7	47.7	47.7	52.0	52.0
62.5°	52.0	52.0	52.0	47.7	52.0	52.0	52.0	56.3	56.3	52.0	56.3
60°	268.6	195.0	134.3	169.0	151.6	69.3	69.3	69.3	65.0	65.0	60.7
57.5°	632.5	589.2	506.9	428.9	385.6	342.3	212.3	86.7	86.7	78.0	69.3
55°	1057.1	914.2	853.5	749.5	636.9	584.9	485.2	329.3	156.0	104.0	91.0
52.5°	1637.7	1503.4	1347.4	1135.1	983.5	862.2	779.9	619.6	415.9	221.0	138.6
50°	2192.3	2131.6	2036.3	1828.3	1512.1	1308.4	1174.1	992.1	745.2	454.9	260.0
47.5°	3531.0	3024.1	2716.5	2556.2	2291.9	1906.3	1646.4	1442.7	1143.8	766.9	459.2
45°	4445.2	4124.6	3635.0	3297.0	2907.1	2499.9	2161.9	1928.0	1572.7	1148.1	719.2
42.5°	5229.4	4952.1	4510.2	4016.2	3604.7	3071.8	2638.5	2330.9	2032.0	1568.4	1074.5
40°	6238.8	5909.6	5485.0	5004.1	4523.2	3842.9	3141.1	2768.5	2439.2	2027.6	1451.4
37.5°	7902.5	7322.0	6628.8	6095.9	5467.6	4891.4	3929.6	3271.1	2881.1	2452.2	1893.3
35°	9904.1	9267.3	8110.5	7404.3	6563.8	5705.9	4839.4	3864.6	3310.0	2855.1	2300.6
32.5°	11767.1	10835.6	9353.9	8526.4	7967.5	6386.1	5489.3	4644.5	3752.0	3193.1	2534.5
30°	12282.7	11255.9	10194.4	9228.3	8275.1	6997.0	5935.6	5277.0	4306.5	3396.7	2755.5
27.5°	11762.8	11056.6	10233.4	9336.6	8305.4	7209.3	6208.5	5580.3	4713.8	3535.3	2928.8
25°	11234.2	10497.7	9921.5	9171.9	8218.8	7196.3	6217.2	5770.9	5030.1	3804.0	3024.1
22.5°	10675.3	10216.1	9739.5	8903.3	8002.2	7235.3	6498.8	5935.6	5194.7	4107.2	3063.1
20°	10705.7	10406.7	9882.5	8764.7	7963.2	7464.9	6836.7	6143.5	5372.3	4371.5	3093.4
17.5°	11190.9	10801.0	10142.4	9171.9	8314.1	7698.9	7118.3	6429.5	5554.3	4605.5	3461.7
15°	11788.8	11195.2	10506.4	9652.9	8682.4	7954.5	7335.0	6628.8	5762.3	4822.1	3791.0
12.5°	12222.0	11377.2	10731.7	9960.5	9081.0	8231.8	7477.9	6780.4	5957.2	4999.7	4037.9
10°	12369.4	11602.5	10840.0	10151.1	9284.6	8379.1	7586.2	6875.7	6126.2	5138.4	4219.9
7.5°	12447.3	11797.5	10913.6	10237.7	9405.9	8470.1	7672.9	6927.7	6260.5	5233.7	4336.9
5°	12438.7	11901.4	10969.9	10263.7	9470.9	8509.1	7733.6	6940.7	6355.8	5316.0	4406.2
2.5°	12399.7	11970.8	11060.9	10307.1	9600.9	8582.7	7850.5	6966.7	6390.5	5407.0	4453.8
0°	12542.7	11975.1	11156.2	10320.1	9687.5	8608.7	7902.5	6945.0	6342.8	5433.0	4449.5
-2.5°	12235.0	11719.5	11134.6	10207.4	9570.5	8548.1	7807.2	6875.7	6238.8	5402.7	4432.2
-5°	12183.1	11533.2	10952.6	10103.4	9375.6	8422.4	7629.6	6745.7	6074.2	5303.0	4362.8
-7.5°	12044.4	11355.5	10775.0	10021.1	9193.6	8292.4	7460.6	6611.4	5896.6	5147.0	4263.2
-10°	11741.1	11082.6	10584.4	9843.5	8972.7	8106.1	7257.0	6433.8	5688.6	4934.7	4107.2
-12.5°	11307.9	10649.3	10155.4	9466.6	8695.4	7854.9	7014.4	6204.2	5450.3	4709.5	3920.9
-15°	10818.3	10151.1	9657.2	9029.0	8283.8	7464.9	6706.7	5913.9	5177.4	4471.2	3700.0
-17.5°	10263.7	9631.2	9154.6	8543.7	7802.9	7023.0	6269.2	5550.0	4861.1	4224.2	3444.4
-20°	9622.5	9007.3	8569.7	7958.8	7278.6	6520.4	5788.2	5108.0	4488.5	3890.6	3162.7

REPORT NUMBER: P722587

CATALOG NUMBER: IFLD-M-SA4E-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°	8829.7	8288.1	7789.9	7244.0	6650.4	5957.2	5277.0	4674.8	4081.2	3496.3	2872.5
-25°	8019.5	7495.3	7010.0	6511.8	5944.2	5346.3	4765.8	4219.9	3639.3	3110.8	2590.8
-27.5°	7118.3	6650.4	6217.2	5757.9	5238.0	4722.4	4245.9	3713.0	3210.4	2759.8	2313.6
-30°	6156.5	5775.3	5398.3	4991.1	4570.8	4137.6	3713.0	3210.4	2816.1	2456.5	2079.6
-32.5°	5233.7	4891.4	4588.1	4284.9	3920.9	3565.7	3188.7	2816.1	2486.9	2170.6	1854.3
-35°	4423.5	4059.6	3890.6	3648.0	3357.7	3037.1	2729.5	2469.5	2205.3	1919.3	1637.7
-37.5°	3721.6	3487.7	3288.4	3106.4	2876.8	2599.5	2378.6	2166.3	1945.3	1685.4	1442.7
-40°	3171.4	3002.4	2803.1	2668.8	2482.5	2283.2	2062.3	1884.6	1698.3	1486.1	1286.8
-42.5°	2729.5	2590.8	2460.9	2317.9	2179.3	2010.3	1819.7	1650.7	1481.7	1325.8	1161.1
-45°	2365.6	2265.9	2161.9	2045.0	1923.6	1776.3	1620.4	1447.1	1325.8	1187.1	1048.5
-47.5°	2066.6	1993.0	1906.3	1815.3	1711.3	1581.4	1438.4	1312.8	1187.1	1070.1	935.8
-50°	1828.3	1759.0	1689.7	1611.7	1520.7	1408.1	1299.8	1182.8	1065.8	953.2	827.5
-52.5°	1629.0	1568.4	1512.1	1447.1	1360.4	1265.1	1165.4	1061.5	953.2	840.5	740.9
-55°	1490.4	1421.1	1364.7	1299.8	1221.8	1130.8	1039.8	944.5	840.5	753.9	671.5
-57.5°	1377.7	1299.8	1234.8	1165.4	1087.5	1009.5	927.2	840.5	762.5	680.2	602.2
-60°	1282.4	1191.4	1117.8	1048.5	974.8	901.2	831.8	758.2	684.5	610.9	532.9
-62.5°	1182.8	1087.5	996.5	931.5	875.2	810.2	749.5	680.2	615.2	541.6	485.2
-65°	1070.1	979.1	892.5	836.2	784.2	727.9	671.5	610.9	554.6	498.2	446.2
-67.5°	944.5	866.5	805.8	753.9	701.9	654.2	602.2	550.2	502.6	446.2	394.3
-70°	792.9	749.5	714.9	675.9	628.2	584.9	537.2	489.6	437.6	389.9	342.3
-72.5°	675.9	649.9	623.9	584.9	541.6	502.6	463.6	420.3	376.9	333.6	294.6
-75°	554.6	532.9	511.2	485.2	450.6	420.3	385.6	346.6	311.9	281.6	251.3
-77.5°	446.2	428.9	415.9	394.3	368.3	342.3	320.6	294.6	268.6	238.3	208.0
-80°	355.3	346.6	342.3	333.6	311.9	290.3	272.9	251.3	225.3	203.6	182.0
-82.5°	277.3	277.3	272.9	268.6	251.3	234.0	221.0	203.6	186.3	169.0	147.3
-85°	203.6	199.3	199.3	195.0	182.0	173.3	160.3	151.6	138.6	121.3	112.6
-87.5°	121.3	117.0	112.6	108.3	99.6	95.3	86.7	82.3	73.7	65.0	60.7
-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: P722587

CATALOG NUMBER: IFLD-M-SA4E-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°	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	0.0	0.0
85°	13.0	8.7	8.7	8.7	8.7	8.7	4.3	4.3	4.3	4.3	4.3
82.5°	26.0	26.0	21.7	21.7	17.3	13.0	8.7	8.7	8.7	4.3	4.3
80°	39.0	39.0	39.0	34.7	30.3	21.7	17.3	13.0	8.7	4.3	4.3
77.5°	47.7	43.3	43.3	39.0	39.0	34.7	26.0	21.7	13.0	8.7	4.3
75°	47.7	47.7	47.7	43.3	43.3	39.0	34.7	26.0	21.7	13.0	8.7
72.5°	52.0	47.7	47.7	47.7	43.3	39.0	34.7	30.3	26.0	17.3	8.7
70°	47.7	47.7	47.7	47.7	43.3	43.3	34.7	30.3	30.3	17.3	13.0
67.5°	47.7	47.7	47.7	43.3	43.3	39.0	34.7	30.3	30.3	21.7	13.0
65°	52.0	47.7	47.7	47.7	43.3	39.0	34.7	30.3	30.3	26.0	17.3
62.5°	56.3	52.0	52.0	47.7	43.3	39.0	34.7	30.3	30.3	26.0	17.3
60°	60.7	56.3	52.0	52.0	47.7	43.3	34.7	34.7	30.3	26.0	17.3
57.5°	65.0	60.7	60.7	56.3	52.0	47.7	39.0	34.7	30.3	26.0	21.7
55°	78.0	69.3	65.0	65.0	60.7	52.0	43.3	34.7	30.3	26.0	21.7
52.5°	104.0	82.3	73.7	73.7	69.3	60.7	47.7	39.0	30.3	26.0	21.7
50°	164.6	104.0	86.7	78.0	78.0	69.3	56.3	43.3	30.3	26.0	21.7
47.5°	260.0	173.3	104.0	91.0	86.7	82.3	65.0	43.3	34.7	26.0	21.7
45°	428.9	255.6	169.0	108.3	91.0	86.7	73.7	47.7	34.7	30.3	21.7
42.5°	589.2	398.6	260.0	130.0	108.3	95.3	78.0	52.0	39.0	30.3	21.7
40°	927.2	545.9	363.9	212.3	125.6	99.6	86.7	60.7	39.0	30.3	21.7
37.5°	1256.4	723.5	489.6	311.9	143.0	112.6	91.0	65.0	43.3	30.3	26.0
35°	1585.7	1013.8	606.6	415.9	190.6	134.3	95.3	69.3	43.3	30.3	26.0
32.5°	1880.3	1286.8	727.9	519.9	285.9	160.3	104.0	73.7	47.7	34.7	26.0
30°	2122.9	1538.0	944.5	610.9	372.6	195.0	112.6	73.7	52.0	34.7	26.0
27.5°	2304.9	1733.0	1165.4	706.2	446.2	229.6	130.0	82.3	52.0	34.7	26.0
25°	2452.2	1884.6	1360.4	805.8	511.2	285.9	156.0	86.7	56.3	39.0	26.0
22.5°	2569.2	2010.3	1520.7	940.2	589.2	342.3	190.6	95.3	56.3	39.0	26.0
20°	2729.5	2135.9	1629.0	1083.1	671.5	394.3	221.0	104.0	56.3	39.0	30.3
17.5°	2868.1	2261.6	1715.7	1204.4	753.9	433.3	255.6	112.6	60.7	39.0	30.3
15°	3028.4	2382.9	1793.7	1299.8	831.8	467.9	285.9	121.3	60.7	43.3	30.3
12.5°	3201.7	2495.5	1850.0	1377.7	914.2	498.2	311.9	138.6	65.0	43.3	30.3
10°	3379.4	2590.8	1897.6	1434.1	974.8	528.6	329.3	156.0	69.3	43.3	30.3
7.5°	3557.0	2677.5	1958.3	1460.1	1000.8	563.2	337.9	173.3	69.3	47.7	30.3
5°	3678.3	2733.8	2045.0	1477.4	1013.8	602.2	350.9	195.0	73.7	47.7	30.3
2.5°	3782.3	2768.5	2135.9	1490.4	1018.1	623.9	346.6	208.0	78.0	47.7	30.3
0°	3829.9	2768.5	2196.6	1481.7	1005.1	645.5	346.6	221.0	78.0	47.7	30.3
-2.5°	3756.3	2846.5	2179.3	1486.1	1009.5	645.5	363.9	225.3	86.7	52.0	30.3
-5°	3639.3	2876.8	2127.3	1464.4	1000.8	645.5	385.6	229.6	91.0	52.0	34.7
-7.5°	3526.7	2889.8	2066.6	1442.7	987.8	628.2	389.9	225.3	99.6	56.3	34.7
-10°	3379.4	2746.8	1988.6	1403.7	961.8	615.2	398.6	225.3	104.0	56.3	34.7
-12.5°	3210.4	2573.5	1893.3	1347.4	931.5	602.2	402.9	225.3	108.3	60.7	34.7
-15°	3015.4	2395.9	1785.0	1286.8	888.2	584.9	394.3	221.0	112.6	60.7	39.0
-17.5°	2794.5	2222.6	1672.4	1213.1	840.5	563.2	376.9	216.6	112.6	60.7	39.0
-20°	2543.2	2049.3	1546.7	1139.5	784.2	537.2	359.6	208.0	112.6	60.7	39.0

REPORT NUMBER: P722587

CATALOG NUMBER: IFLD-M-SA4E-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°	2317.9	1889.0	1416.7	1057.1	723.5	506.9	337.9	199.3	112.6	65.0	39.0
-25°	2131.6	1733.0	1317.1	974.8	658.5	472.2	316.3	190.6	112.6	65.0	39.0
-27.5°	1936.6	1564.0	1213.1	896.8	615.2	441.9	294.6	182.0	108.3	65.0	39.0
-30°	1737.3	1399.4	1104.8	810.2	571.9	411.6	277.3	169.0	108.3	65.0	39.0
-32.5°	1555.4	1265.1	1005.1	723.5	524.2	381.3	260.0	164.6	104.0	65.0	39.0
-35°	1377.7	1143.8	901.2	654.2	472.2	350.9	242.6	160.3	104.0	65.0	39.0
-37.5°	1230.4	1031.1	805.8	606.6	441.9	324.9	225.3	151.6	99.6	65.0	39.0
-40°	1109.1	927.2	714.9	554.6	415.9	298.9	208.0	147.3	99.6	65.0	39.0
-42.5°	996.5	827.5	658.5	511.2	389.9	281.6	195.0	143.0	95.3	65.0	39.0
-45°	896.8	740.9	602.2	472.2	359.6	260.0	186.3	134.3	91.0	65.0	43.3
-47.5°	797.2	680.2	550.2	437.6	329.3	234.0	177.6	130.0	86.7	60.7	43.3
-50°	719.2	615.2	506.9	398.6	298.9	225.3	169.0	121.3	86.7	60.7	43.3
-52.5°	649.9	554.6	459.2	359.6	272.9	212.3	160.3	112.6	82.3	60.7	43.3
-55°	584.9	498.2	411.6	320.6	255.6	199.3	147.3	104.0	82.3	60.7	43.3
-57.5°	519.9	446.2	363.9	290.3	234.0	186.3	138.6	104.0	82.3	60.7	43.3
-60°	467.9	398.6	329.3	268.6	216.6	169.0	125.6	99.6	78.0	60.7	43.3
-62.5°	424.6	359.6	298.9	242.6	199.3	151.6	121.3	99.6	78.0	60.7	39.0
-65°	381.3	324.9	268.6	221.0	177.6	143.0	117.0	95.3	78.0	60.7	39.0
-67.5°	337.9	285.9	242.6	195.0	164.6	138.6	112.6	95.3	73.7	56.3	39.0
-70°	294.6	251.3	212.3	182.0	156.0	130.0	108.3	91.0	73.7	52.0	34.7
-72.5°	260.0	221.0	190.6	169.0	147.3	125.6	104.0	86.7	69.3	47.7	30.3
-75°	221.0	195.0	173.3	151.6	134.3	117.0	99.6	78.0	60.7	43.3	30.3
-77.5°	186.3	169.0	151.6	138.6	121.3	104.0	86.7	69.3	56.3	39.0	26.0
-80°	160.3	147.3	134.3	121.3	108.3	91.0	78.0	60.7	47.7	34.7	21.7
-82.5°	130.0	121.3	108.3	99.6	91.0	78.0	65.0	52.0	34.7	26.0	17.3
-85°	99.6	91.0	86.7	78.0	69.3	56.3	43.3	34.7	26.0	17.3	8.7
-87.5°	52.0	47.7	43.3	39.0	34.7	26.0	21.7	17.3	13.0	8.7	4.3
-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: P722587

CATALOG NUMBER: IFLD-M-SA4E-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°	4.3	0.0	0.0	0.0
77.5°	4.3	0.0	0.0	0.0
75°	4.3	4.3	0.0	0.0
72.5°	4.3	4.3	0.0	0.0
70°	4.3	4.3	0.0	0.0
67.5°	8.7	4.3	0.0	0.0
65°	8.7	4.3	0.0	0.0
62.5°	8.7	4.3	0.0	0.0
60°	8.7	4.3	0.0	0.0
57.5°	13.0	4.3	4.3	0.0
55°	13.0	4.3	4.3	0.0
52.5°	13.0	4.3	4.3	0.0
50°	13.0	8.7	4.3	0.0
47.5°	13.0	8.7	4.3	0.0
45°	13.0	8.7	4.3	0.0
42.5°	13.0	8.7	4.3	0.0
40°	17.3	8.7	4.3	0.0
37.5°	17.3	8.7	4.3	0.0
35°	17.3	8.7	4.3	0.0
32.5°	17.3	8.7	4.3	0.0
30°	17.3	8.7	4.3	0.0
27.5°	17.3	13.0	4.3	0.0
25°	17.3	13.0	4.3	0.0
22.5°	21.7	13.0	4.3	0.0
20°	21.7	13.0	4.3	0.0
17.5°	21.7	13.0	4.3	0.0
15°	21.7	13.0	4.3	0.0
12.5°	21.7	13.0	4.3	0.0
10°	21.7	13.0	4.3	0.0
7.5°	21.7	13.0	4.3	0.0
5°	21.7	13.0	4.3	0.0
2.5°	21.7	13.0	4.3	0.0
0°	21.7	13.0	4.3	0.0
-2.5°	21.7	13.0	4.3	0.0
-5°	21.7	13.0	4.3	0.0
-7.5°	21.7	13.0	4.3	0.0
-10°	21.7	13.0	4.3	0.0
-12.5°	26.0	13.0	4.3	0.0
-15°	26.0	13.0	4.3	0.0
-17.5°	26.0	13.0	4.3	0.0
-20°	26.0	13.0	4.3	0.0

REPORT NUMBER: P722587

CATALOG NUMBER: IFLD-M-SA4E-827-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	26.0	13.0	4.3	0.0
-25°	26.0	13.0	4.3	0.0
-27.5°	26.0	13.0	4.3	0.0
-30°	26.0	13.0	4.3	0.0
-32.5°	26.0	13.0	4.3	0.0
-35°	26.0	13.0	4.3	0.0
-37.5°	26.0	13.0	4.3	0.0
-40°	26.0	13.0	4.3	0.0
-42.5°	21.7	13.0	4.3	0.0
-45°	26.0	13.0	4.3	0.0
-47.5°	26.0	13.0	4.3	0.0
-50°	26.0	13.0	4.3	0.0
-52.5°	26.0	13.0	4.3	0.0
-55°	26.0	13.0	4.3	0.0
-57.5°	26.0	13.0	4.3	0.0
-60°	26.0	13.0	4.3	0.0
-62.5°	21.7	13.0	4.3	0.0
-65°	21.7	8.7	4.3	0.0
-67.5°	21.7	8.7	4.3	0.0
-70°	21.7	8.7	4.3	0.0
-72.5°	17.3	8.7	4.3	0.0
-75°	17.3	8.7	4.3	0.0
-77.5°	13.0	4.3	0.0	0.0
-80°	13.0	4.3	0.0	0.0
-82.5°	8.7	4.3	0.0	0.0
-85°	4.3	4.3	0.0	0.0
-87.5°	4.3	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)