

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: P722606

Luminaire Tested: **IFLD-S-SA3E-830-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722606
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA3E-830-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (48) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	21915.9 lumens	Max Intensity:	15299.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	94.4 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' 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:	13981.4 lumens	Field Lumens:	20661.8 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

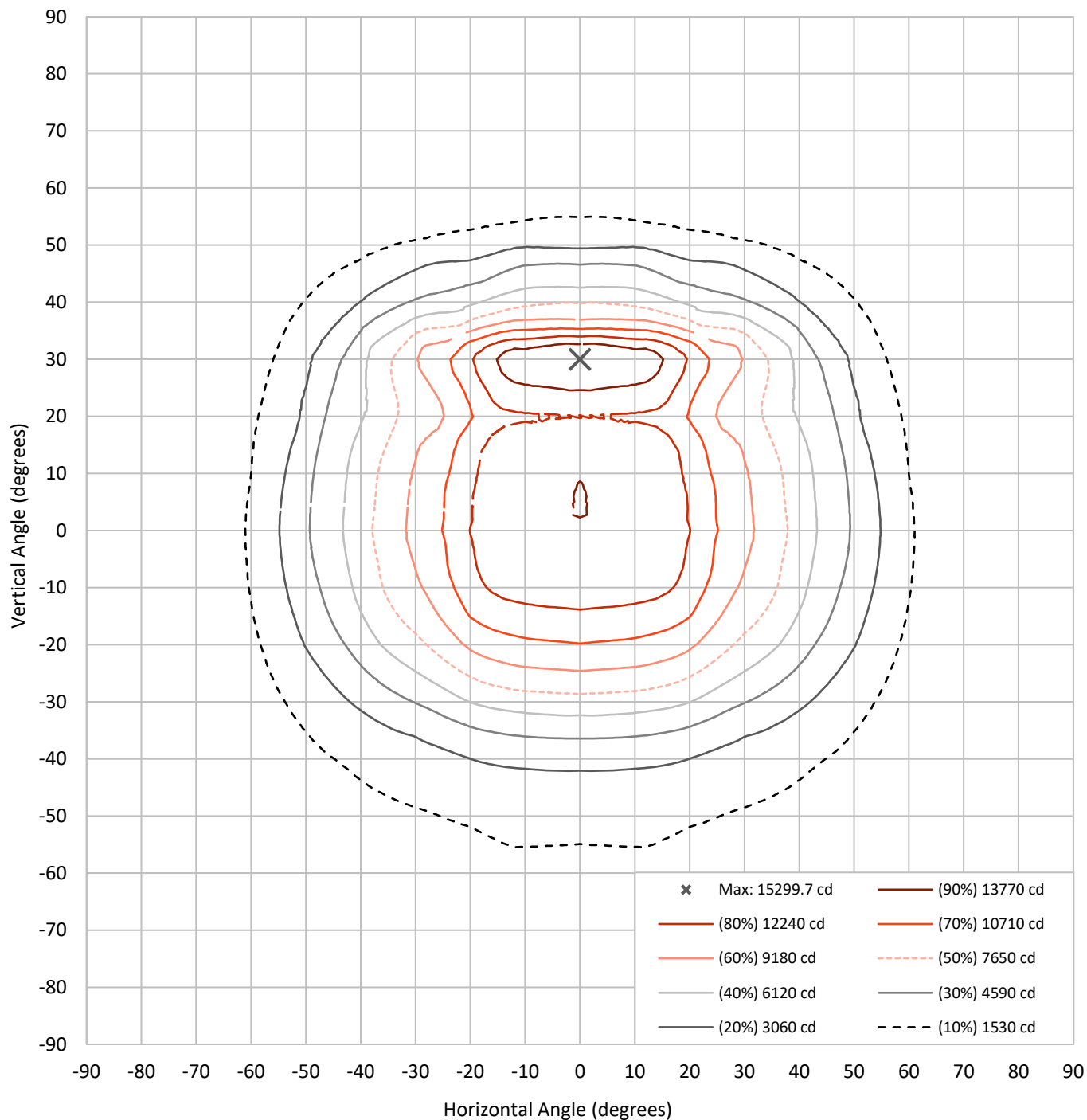
Input Watts (W): 232.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



REPORT NUMBER: P722606

CATALOG NUMBER: IFLD-S-SA3E-830-U-76-VI

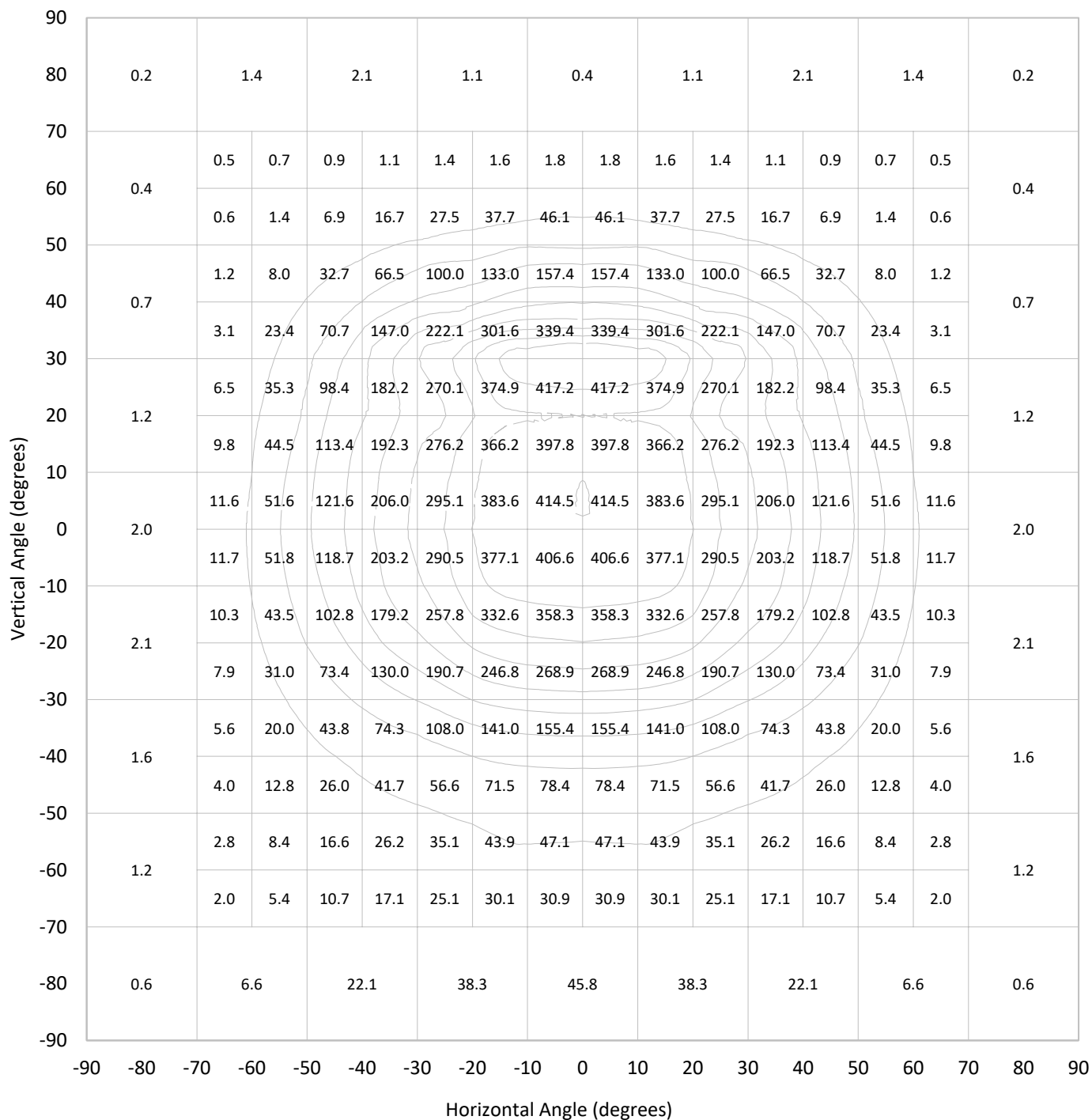
Iso-Candela Plot



REPORT NUMBER: P722606

CATALOG NUMBER: IFLD-S-SA3E-830-U-76-VI

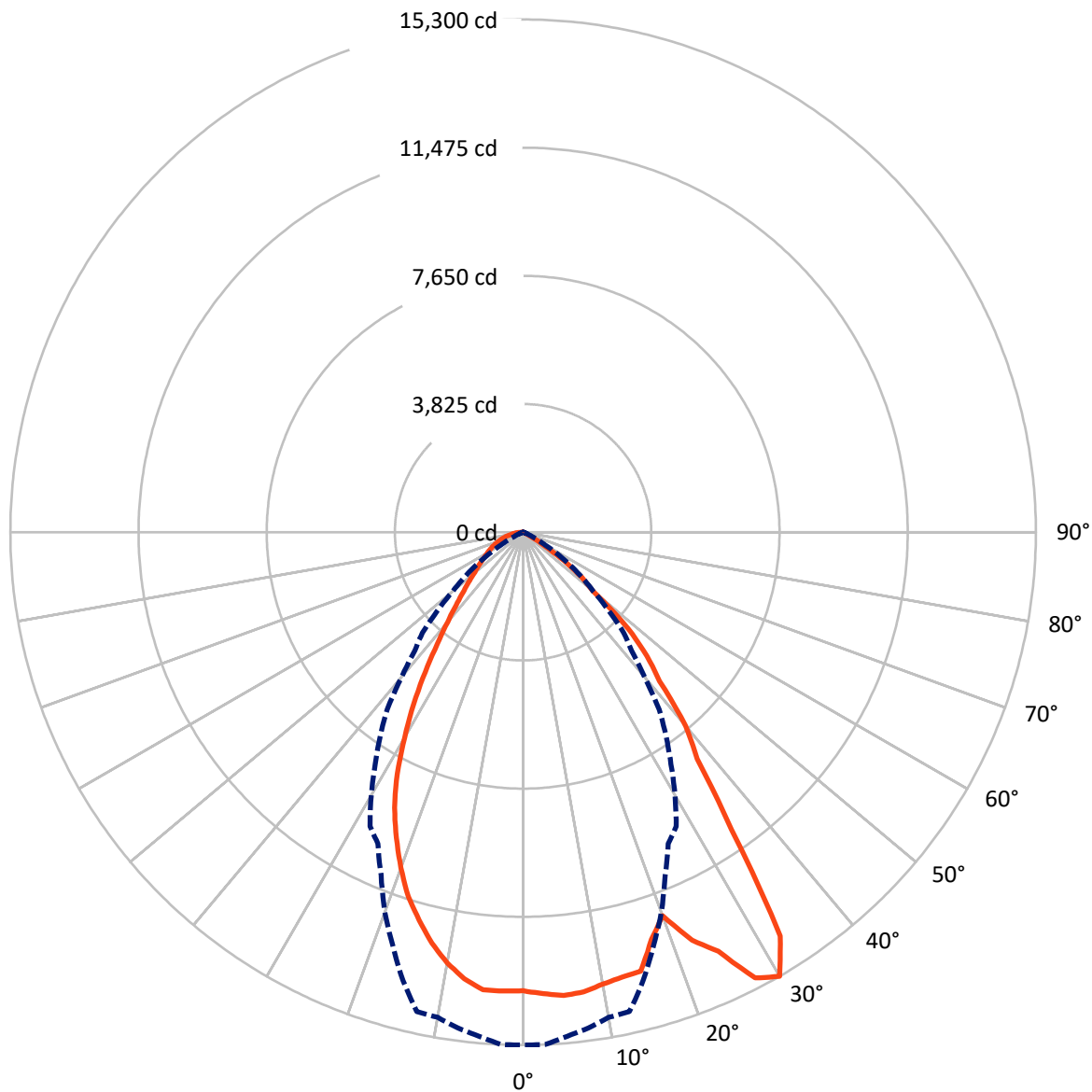
Lumen Table



REPORT NUMBER: P722606

CATALOG NUMBER: IFLD-S-SA3E-830-U-76-VI

Luminous Intensity Polar Plot

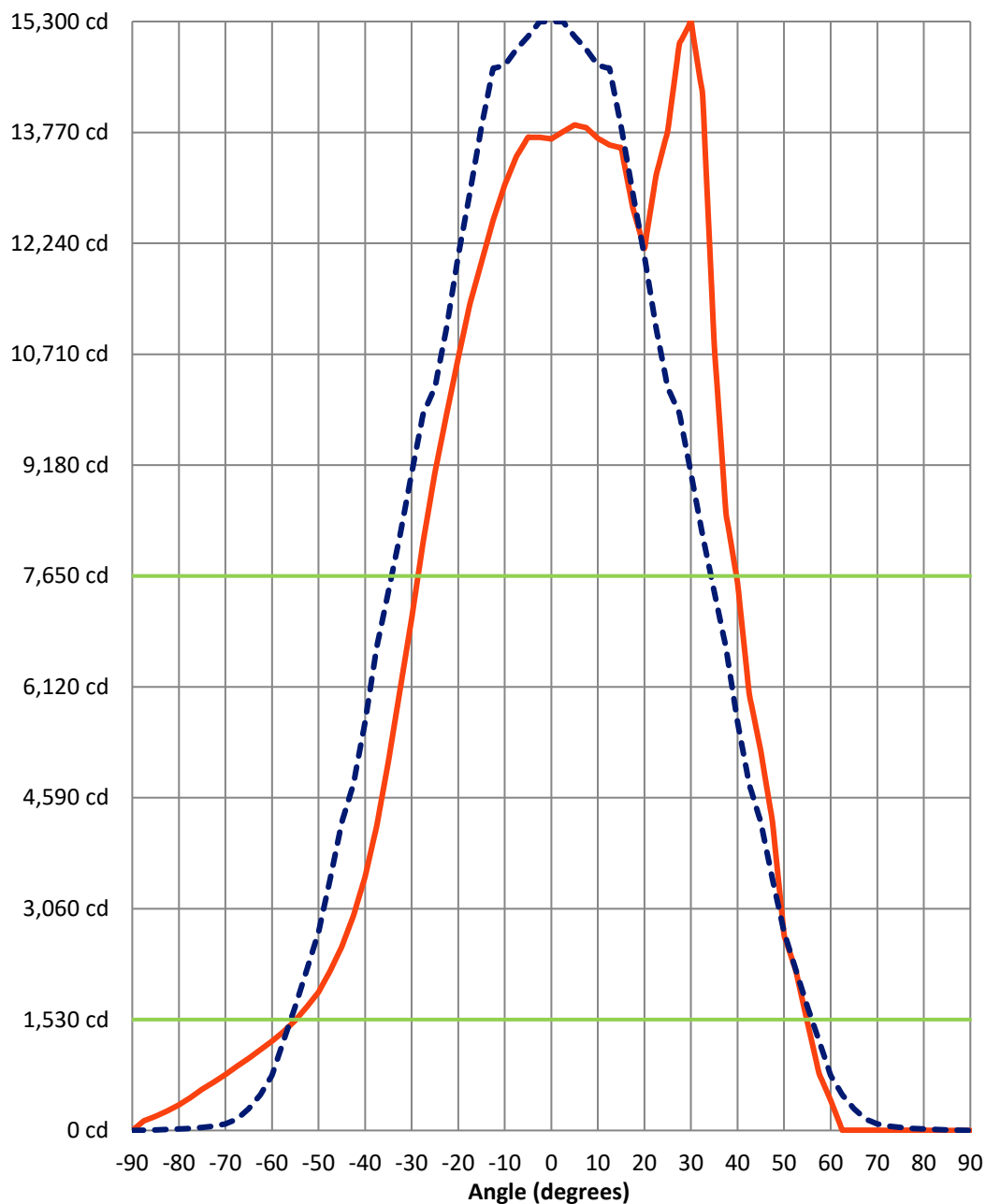


— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 30-Deg

REPORT NUMBER: P722606

CATALOG NUMBER: IFLD-S-SA3E-830-U-76-VI

Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 13981.4

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 20661.8

Efficiency: 94.3%

Spill:

Lumens: 1254.1

Efficiency: 5.7%

— Vertical Distribution through 0-Deg

- - - Horizontal Distribution through 30-Deg

REPORT NUMBER: P722606

CATALOG NUMBER: IFLD-S-SA3E-830-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	3.5	3.5	3.5	3.5	3.5	3.5	3.5
85°	0.0	3.5	3.5	3.5	7.0	7.0	7.0	7.0	7.0	7.0	10.5
82.5°	0.0	3.5	3.5	3.5	7.0	7.0	7.0	7.0	10.5	10.5	14.0
80°	3.5	3.5	3.5	3.5	7.0	7.0	7.0	10.5	10.5	14.0	14.0
77.5°	3.5	3.5	3.5	7.0	7.0	7.0	10.5	10.5	14.0	14.0	17.4
75°	3.5	3.5	3.5	7.0	7.0	10.5	10.5	10.5	14.0	14.0	17.4
72.5°	0.0	3.5	3.5	7.0	7.0	10.5	10.5	10.5	14.0	14.0	14.0
70°	3.5	3.5	3.5	7.0	7.0	10.5	10.5	10.5	14.0	14.0	14.0
67.5°	3.5	3.5	3.5	7.0	7.0	10.5	10.5	14.0	14.0	14.0	17.4
65°	3.5	3.5	3.5	7.0	10.5	10.5	14.0	17.4	17.4	20.9	24.4
62.5°	3.5	7.0	7.0	10.5	14.0	17.4	38.4	59.3	59.3	41.9	34.9
60°	415.2	450.1	446.6	404.7	352.4	296.6	286.1	275.6	254.7	223.3	233.8
57.5°	788.5	830.4	847.9	837.4	809.5	760.6	732.7	701.3	659.4	610.6	554.8
55°	1493.3	1510.8	1472.4	1399.1	1318.9	1238.6	1210.7	1168.9	1106.0	1043.2	959.5
52.5°	2208.6	2267.9	2250.5	2177.2	2069.0	1926.0	1769.0	1646.9	1573.6	1503.8	1420.1
50°	2697.1	2721.5	2770.3	2857.6	2889.0	2791.3	2536.6	2208.6	1974.8	2093.5	2002.7
47.5°	4256.7	4378.8	4354.4	4291.6	4186.9	3921.8	3565.9	3272.8	3028.5	2948.3	2962.3
45°	5230.2	5279.0	5261.6	5233.7	5184.8	4937.1	4542.8	4092.7	3865.9	3775.2	3681.0
42.5°	6029.2	6081.5	6092.0	6095.5	6043.1	5816.3	5460.5	5010.4	4783.6	4521.9	4316.0
40°	7553.9	7630.7	7543.4	7428.3	7253.9	6995.7	6646.7	6231.5	5830.3	5509.3	5265.1
37.5°	8527.4	8621.6	8656.5	8649.5	8611.1	8499.5	8070.3	7676.0	7061.9	6343.2	6472.3
35°	10837.2	10934.9	10906.9	10802.3	10746.4	10627.8	10209.1	9741.6	8970.5	8188.9	7979.6
32.5°	14280.9	14493.7	14096.0	13659.8	13391.2	13485.4	13059.7	11915.3	11559.4	10149.8	9497.3
30°	15299.7	15296.2	15093.9	14915.9	14696.1	14650.8	13848.3	12934.1	12061.8	11074.4	10251.0
27.5°	14989.2	14926.4	14755.4	14626.3	14420.5	14312.3	13527.3	12801.5	11793.2	10910.4	10114.9
25°	13792.4	13841.3	13666.8	13642.4	13562.2	13352.8	12962.0	12145.6	11245.4	10268.4	9696.2
22.5°	13174.9	13157.4	12948.1	12826.0	12923.6	12700.3	12543.3	11719.9	10781.3	9957.9	9270.6
20°	12170.0	12173.5	12121.2	12110.7	12051.4	11950.2	11824.6	11241.9	10579.0	9874.2	9047.3
17.5°	12731.7	12874.8	12937.6	12417.7	12564.3	12449.1	12316.5	11503.6	11004.6	10380.1	9302.0
15°	13555.2	13502.8	13440.0	13412.1	13331.9	13223.7	12983.0	12334.0	11475.7	10830.2	9989.3
12.5°	13597.0	13495.9	13471.4	13467.9	13384.2	13234.2	13000.4	12463.1	11702.5	10917.4	10233.5
10°	13687.8	13583.1	13569.1	13586.6	13457.5	13363.3	13129.5	12630.6	11772.2	11067.4	10422.0
7.5°	13834.3	13659.8	13740.1	13687.8	13628.4	13478.4	13227.2	12738.7	12026.9	11266.3	10589.4
5°	13872.7	13680.8	13768.0	13719.2	13631.9	13485.4	13213.2	12808.5	12184.0	11346.6	10655.7
2.5°	13778.5	13722.7	13684.3	13593.6	13555.2	13394.7	13136.5	12703.8	12110.7	11311.7	10641.8
0°	13680.8	13729.6	13642.4	13551.7	13534.2	13405.1	13185.3	12794.6	12281.7	11409.4	10760.4
-2.5°	13701.7	13663.3	13604.0	13509.8	13419.1	13234.2	13035.3	12668.9	12117.7	11196.5	10592.9
-5°	13701.7	13523.8	13530.8	13534.2	13443.5	13251.6	13010.9	12700.3	12020.0	11193.1	10544.1
-7.5°	13436.5	13283.0	13258.6	13237.7	13213.2	13035.3	12846.9	12459.6	11856.0	11102.3	10408.0
-10°	13045.8	12895.7	12909.7	12878.3	12801.5	12682.9	12539.8	12190.9	11695.5	10816.2	10132.4
-12.5°	12557.3	12491.0	12452.6	12400.3	12323.5	12218.8	12072.3	11744.3	11214.0	10463.8	9814.9
-15°	11978.1	11929.3	11894.4	11863.0	11751.3	11643.1	11451.2	11147.7	10816.2	10010.2	9347.3
-17.5°	11398.9	11276.8	11227.9	11186.1	11112.8	10938.3	10763.9	10537.1	10073.0	9434.5	8865.8
-20°	10655.7	10582.5	10523.1	10467.3	10362.6	10226.6	10083.5	9821.8	9420.6	8904.2	8314.5

REPORT NUMBER: P722606

CATALOG NUMBER: IFLD-S-SA3E-830-U-76-VI

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	9877.7	9835.8	9786.9	9717.2	9647.4	9518.3	9319.4	9068.2	8754.2	8195.9	7644.6
-25°	9075.2	8994.9	8935.6	8869.3	8813.5	8694.9	8503.0	8262.2	7867.9	7386.4	6925.9
-27.5°	8129.6	8052.9	8021.5	7944.7	7895.8	7787.7	7595.8	7372.5	7016.6	6611.9	6144.3
-30°	7061.9	7075.9	7041.0	6967.7	6908.4	6768.9	6622.3	6433.9	6154.8	5767.5	5348.8
-32.5°	6074.5	6092.0	6050.1	5973.3	5896.6	5795.4	5659.3	5488.4	5279.0	4909.2	4546.3
-35°	5087.1	5080.1	5045.2	4999.9	4947.6	4863.8	4710.3	4581.2	4340.4	4082.3	3831.0
-37.5°	4200.9	4218.3	4207.9	4183.4	4124.1	4054.3	3928.7	3810.1	3632.2	3405.4	3210.0
-40°	3499.6	3520.5	3506.6	3482.1	3429.8	3387.9	3304.2	3199.5	3056.5	2861.1	2697.1
-42.5°	2962.3	2976.2	2958.8	2937.8	2892.5	2861.1	2794.8	2707.5	2588.9	2438.9	2292.3
-45°	2536.6	2540.1	2522.6	2508.7	2473.8	2435.4	2379.6	2309.8	2215.6	2110.9	1992.3
-47.5°	2201.6	2198.1	2180.7	2166.7	2138.8	2103.9	2058.6	1995.8	1922.5	1842.2	1748.0
-50°	1908.5	1926.0	1919.0	1905.1	1884.1	1859.7	1814.3	1748.0	1674.8	1615.5	1549.2
-52.5°	1706.2	1709.7	1706.2	1706.2	1702.7	1685.2	1632.9	1566.6	1486.4	1434.0	1378.2
-55°	1517.8	1535.2	1542.2	1549.2	1552.7	1552.7	1489.8	1420.1	1343.3	1291.0	1249.1
-57.5°	1364.2	1374.7	1381.7	1399.1	1413.1	1423.6	1367.7	1304.9	1245.6	1196.8	1158.4
-60°	1231.7	1245.6	1256.1	1273.5	1284.0	1291.0	1256.1	1214.2	1179.3	1147.9	1092.1
-62.5°	1113.0	1123.5	1134.0	1144.4	1154.9	1161.9	1147.9	1127.0	1109.5	1095.6	1025.8
-65°	994.4	1004.9	1015.3	1029.3	1039.8	1046.7	1043.2	1029.3	1015.3	1001.4	938.6
-67.5°	886.2	896.7	910.7	914.1	921.1	924.6	917.6	907.2	889.7	872.3	823.4
-70°	771.1	778.1	785.0	785.0	785.0	781.6	774.6	760.6	743.2	718.8	680.4
-72.5°	666.4	673.4	680.4	669.9	662.9	652.5	642.0	624.5	607.1	589.7	568.7
-75°	568.7	572.2	572.2	558.3	547.8	537.3	523.4	512.9	495.5	481.5	464.1
-77.5°	453.6	453.6	453.6	443.1	436.1	429.2	418.7	408.2	394.3	383.8	369.8
-80°	352.4	352.4	352.4	348.9	338.4	331.5	324.5	317.5	307.0	300.1	293.1
-82.5°	268.7	268.7	268.7	265.2	258.2	254.7	247.7	240.7	237.3	230.3	226.8
-85°	195.4	198.9	198.9	195.4	191.9	184.9	181.4	177.9	174.5	171.0	164.0
-87.5°	132.6	132.6	132.6	129.1	125.6	125.6	122.1	115.1	108.2	104.7	101.2
-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: P722606

CATALOG NUMBER: IFLD-S-SA3E-830-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°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
85°	10.5	10.5	10.5	14.0	14.0	14.0	14.0	14.0	14.0	14.0	10.5
82.5°	17.4	17.4	20.9	20.9	24.4	24.4	24.4	24.4	24.4	24.4	24.4
80°	17.4	20.9	24.4	27.9	31.4	34.9	34.9	34.9	34.9	31.4	31.4
77.5°	20.9	20.9	24.4	27.9	31.4	34.9	38.4	41.9	38.4	38.4	38.4
75°	20.9	24.4	24.4	27.9	31.4	34.9	38.4	41.9	41.9	41.9	41.9
72.5°	17.4	20.9	24.4	27.9	27.9	31.4	34.9	34.9	38.4	38.4	41.9
70°	17.4	20.9	24.4	24.4	27.9	27.9	31.4	34.9	34.9	38.4	38.4
67.5°	20.9	24.4	24.4	27.9	31.4	31.4	31.4	34.9	34.9	38.4	38.4
65°	24.4	27.9	27.9	31.4	34.9	34.9	38.4	38.4	38.4	41.9	41.9
62.5°	41.9	41.9	41.9	38.4	41.9	41.9	41.9	45.4	45.4	41.9	45.4
60°	216.3	157.0	108.2	136.1	122.1	55.8	55.8	55.8	52.3	52.3	48.8
57.5°	509.4	474.5	408.2	345.4	310.5	275.6	171.0	69.8	69.8	62.8	55.8
55°	851.3	736.2	687.4	603.6	512.9	471.0	390.8	265.2	125.6	83.7	73.3
52.5°	1318.9	1210.7	1085.1	914.1	792.0	694.3	628.0	498.9	335.0	177.9	111.7
50°	1765.5	1716.6	1639.9	1472.4	1217.7	1053.7	945.5	799.0	600.1	366.4	209.3
47.5°	2843.6	2435.4	2187.7	2058.6	1845.7	1535.2	1325.9	1161.9	921.1	617.6	369.8
45°	3579.8	3321.6	2927.4	2655.2	2341.2	2013.2	1741.1	1552.7	1266.5	924.6	579.2
42.5°	4211.4	3988.0	3632.2	3234.4	2902.9	2473.8	2124.9	1877.1	1636.4	1263.1	865.3
40°	5024.3	4759.1	4417.2	4029.9	3642.6	3094.8	2529.6	2229.5	1964.4	1632.9	1168.9
37.5°	6364.1	5896.6	5338.3	4909.2	4403.3	3939.2	3164.6	2634.3	2320.3	1974.8	1524.7
35°	7976.1	7463.2	6531.6	5962.9	5286.0	4595.2	3897.3	3112.3	2665.7	2299.3	1852.7
32.5°	9476.4	8726.3	7533.0	6866.6	6416.5	5142.9	4420.7	3740.3	3021.6	2571.5	2041.1
30°	9891.6	9064.7	8209.9	7431.8	6664.2	5634.9	4780.1	4249.7	3468.2	2735.5	2219.1
27.5°	9472.9	8904.2	8241.3	7519.0	6688.6	5805.9	4999.9	4494.0	3796.1	2847.1	2358.6
25°	9047.3	8454.1	7990.1	7386.4	6618.8	5795.4	5006.9	4647.5	4050.9	3063.4	2435.4
22.5°	8597.2	8227.3	7843.5	7170.1	6444.4	5826.8	5233.7	4780.1	4183.4	3307.7	2466.8
20°	8621.6	8380.8	7958.6	7058.5	6413.0	6011.7	5505.8	4947.6	4326.5	3520.5	2491.2
17.5°	9012.4	8698.3	8168.0	7386.4	6695.6	6200.1	5732.6	5177.8	4473.0	3708.9	2787.8
15°	9493.9	9015.8	8461.1	7773.7	6992.2	6406.0	5907.1	5338.3	4640.5	3883.4	3053.0
12.5°	9842.8	9162.4	8642.5	8021.5	7313.2	6629.3	6022.2	5460.5	4797.5	4026.4	3251.8
10°	9961.4	9343.8	8729.7	8175.0	7477.2	6747.9	6109.4	5537.2	4933.6	4138.1	3398.4
7.5°	10024.2	9500.8	8789.1	8244.8	7574.8	6821.2	6179.2	5579.1	5041.8	4214.8	3492.6
5°	10017.2	9584.6	8834.4	8265.7	7627.2	6852.6	6228.1	5589.5	5118.5	4281.1	3548.4
2.5°	9985.8	9640.4	8907.7	8300.6	7731.9	6911.9	6322.3	5610.5	5146.4	4354.4	3586.8
0°	10101.0	9643.9	8984.4	8311.0	7801.6	6932.9	6364.1	5593.0	5108.1	4375.3	3583.3
-2.5°	9853.2	9438.0	8967.0	8220.3	7707.4	6884.0	6287.4	5537.2	5024.3	4350.9	3569.4
-5°	9811.4	9288.0	8820.5	8136.6	7550.4	6782.8	6144.3	5432.5	4891.7	4270.7	3513.5
-7.5°	9699.7	9144.9	8677.4	8070.3	7403.9	6678.1	6008.2	5324.4	4748.7	4145.1	3433.3
-10°	9455.5	8925.1	8523.9	7927.2	7225.9	6528.1	5844.3	5181.3	4581.2	3974.1	3307.7
-12.5°	9106.6	8576.2	8178.5	7623.7	7002.6	6325.7	5648.9	4996.4	4389.3	3792.7	3157.6
-15°	8712.3	8175.0	7777.2	7271.3	6671.2	6011.7	5401.1	4762.6	4169.5	3600.8	2979.7
-17.5°	8265.7	7756.3	7372.5	6880.5	6283.9	5655.8	5048.7	4469.5	3914.8	3401.9	2773.8
-20°	7749.3	7253.9	6901.5	6409.5	5861.7	5251.1	4661.4	4113.7	3614.7	3133.2	2547.0

REPORT NUMBER: P722606

CATALOG NUMBER: IFLD-S-SA3E-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°	7110.8	6674.7	6273.4	5833.8	5355.8	4797.5	4249.7	3764.7	3286.7	2815.7	2313.3
-25°	6458.3	6036.2	5645.4	5244.1	4787.1	4305.6	3838.0	3398.4	2930.8	2505.2	2086.5
-27.5°	5732.6	5355.8	5006.9	4637.0	4218.3	3803.1	3419.3	2990.2	2585.4	2222.6	1863.2
-30°	4958.0	4651.0	4347.4	4019.4	3681.0	3332.1	2990.2	2585.4	2267.9	1978.3	1674.8
-32.5°	4214.8	3939.2	3695.0	3450.7	3157.6	2871.5	2568.0	2267.9	2002.7	1748.0	1493.3
-35°	3562.4	3269.3	3133.2	2937.8	2704.1	2445.9	2198.1	1988.8	1776.0	1545.7	1318.9
-37.5°	2997.1	2808.7	2648.2	2501.7	2316.8	2093.5	1915.5	1744.6	1566.6	1357.3	1161.9
-40°	2554.0	2418.0	2257.5	2149.3	1999.3	1838.8	1660.8	1517.8	1367.7	1196.8	1036.3
-42.5°	2198.1	2086.5	1981.8	1866.7	1755.0	1618.9	1465.4	1329.3	1193.3	1067.7	935.1
-45°	1905.1	1824.8	1741.1	1646.9	1549.2	1430.5	1304.9	1165.4	1067.7	956.0	844.4
-47.5°	1664.3	1605.0	1535.2	1461.9	1378.2	1273.5	1158.4	1057.2	956.0	861.8	753.6
-50°	1472.4	1416.6	1360.8	1297.9	1224.7	1134.0	1046.7	952.5	858.3	767.6	666.4
-52.5°	1311.9	1263.1	1217.7	1165.4	1095.6	1018.8	938.6	854.8	767.6	676.9	596.6
-55°	1200.3	1144.4	1099.1	1046.7	983.9	910.7	837.4	760.6	676.9	607.1	540.8
-57.5°	1109.5	1046.7	994.4	938.6	875.8	813.0	746.7	676.9	614.1	547.8	485.0
-60°	1032.8	959.5	900.2	844.4	785.0	725.7	669.9	610.6	551.3	492.0	429.2
-62.5°	952.5	875.8	802.5	750.2	704.8	652.5	603.6	547.8	495.5	436.1	390.8
-65°	861.8	788.5	718.8	673.4	631.5	586.2	540.8	492.0	446.6	401.2	359.4
-67.5°	760.6	697.8	649.0	607.1	565.2	526.9	485.0	443.1	404.7	359.4	317.5
-70°	638.5	603.6	575.7	544.3	505.9	471.0	432.6	394.3	352.4	314.0	275.6
-72.5°	544.3	523.4	502.4	471.0	436.1	404.7	373.3	338.4	303.6	268.7	237.3
-75°	446.6	429.2	411.7	390.8	362.9	338.4	310.5	279.1	251.2	226.8	202.4
-77.5°	359.4	345.4	335.0	317.5	296.6	275.6	258.2	237.3	216.3	191.9	167.5
-80°	286.1	279.1	275.6	268.7	251.2	233.8	219.8	202.4	181.4	164.0	146.5
-82.5°	223.3	223.3	219.8	216.3	202.4	188.4	177.9	164.0	150.0	136.1	118.6
-85°	164.0	160.5	160.5	157.0	146.5	139.6	129.1	122.1	111.7	97.7	90.7
-87.5°	97.7	94.2	90.7	87.2	80.2	76.8	69.8	66.3	59.3	52.3	48.8
-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: P722606

CATALOG NUMBER: IFLD-S-SA3E-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°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	0.0	0.0
85°	10.5	7.0	7.0	7.0	7.0	7.0	3.5	3.5	3.5	3.5	3.5
82.5°	20.9	20.9	17.4	17.4	14.0	10.5	7.0	7.0	7.0	3.5	3.5
80°	31.4	31.4	31.4	27.9	24.4	17.4	14.0	10.5	7.0	3.5	3.5
77.5°	38.4	34.9	34.9	31.4	31.4	27.9	20.9	17.4	10.5	7.0	3.5
75°	38.4	38.4	38.4	34.9	34.9	31.4	27.9	20.9	17.4	10.5	7.0
72.5°	41.9	38.4	38.4	38.4	34.9	31.4	27.9	24.4	20.9	14.0	7.0
70°	38.4	38.4	38.4	38.4	34.9	34.9	27.9	24.4	24.4	14.0	10.5
67.5°	38.4	38.4	38.4	34.9	34.9	31.4	27.9	24.4	24.4	17.4	10.5
65°	41.9	38.4	38.4	38.4	34.9	31.4	27.9	24.4	24.4	20.9	14.0
62.5°	45.4	41.9	41.9	38.4	34.9	31.4	27.9	24.4	24.4	20.9	14.0
60°	48.8	45.4	41.9	41.9	38.4	34.9	27.9	27.9	24.4	20.9	14.0
57.5°	52.3	48.8	48.8	45.4	41.9	38.4	31.4	27.9	24.4	20.9	17.4
55°	62.8	55.8	52.3	52.3	48.8	41.9	34.9	27.9	24.4	20.9	17.4
52.5°	83.7	66.3	59.3	59.3	55.8	48.8	38.4	31.4	24.4	20.9	17.4
50°	132.6	83.7	69.8	62.8	62.8	55.8	45.4	34.9	24.4	20.9	17.4
47.5°	209.3	139.6	83.7	73.3	69.8	66.3	52.3	34.9	27.9	20.9	17.4
45°	345.4	205.9	136.1	87.2	73.3	69.8	59.3	38.4	27.9	24.4	17.4
42.5°	474.5	321.0	209.3	104.7	87.2	76.8	62.8	41.9	31.4	24.4	17.4
40°	746.7	439.6	293.1	171.0	101.2	80.2	69.8	48.8	31.4	24.4	17.4
37.5°	1011.8	582.7	394.3	251.2	115.1	90.7	73.3	52.3	34.9	24.4	20.9
35°	1277.0	816.5	488.5	335.0	153.5	108.2	76.8	55.8	34.9	24.4	20.9
32.5°	1514.3	1036.3	586.2	418.7	230.3	129.1	83.7	59.3	38.4	27.9	20.9
30°	1709.7	1238.6	760.6	492.0	300.1	157.0	90.7	59.3	41.9	27.9	20.9
27.5°	1856.2	1395.6	938.6	568.7	359.4	184.9	104.7	66.3	41.9	27.9	20.9
25°	1974.8	1517.8	1095.6	649.0	411.7	230.3	125.6	69.8	45.4	31.4	20.9
22.5°	2069.0	1618.9	1224.7	757.1	474.5	275.6	153.5	76.8	45.4	31.4	20.9
20°	2198.1	1720.1	1311.9	872.3	540.8	317.5	177.9	83.7	45.4	31.4	24.4
17.5°	2309.8	1821.3	1381.7	970.0	607.1	348.9	205.9	90.7	48.8	31.4	24.4
15°	2438.9	1919.0	1444.5	1046.7	669.9	376.8	230.3	97.7	48.8	34.9	24.4
12.5°	2578.4	2009.7	1489.8	1109.5	736.2	401.2	251.2	111.7	52.3	34.9	24.4
10°	2721.5	2086.5	1528.2	1154.9	785.0	425.7	265.2	125.6	55.8	34.9	24.4
7.5°	2864.6	2156.3	1577.1	1175.8	806.0	453.6	272.2	139.6	55.8	38.4	24.4
5°	2962.3	2201.6	1646.9	1189.8	816.5	485.0	282.6	157.0	59.3	38.4	24.4
2.5°	3046.0	2229.5	1720.1	1200.3	819.9	502.4	279.1	167.5	62.8	38.4	24.4
0°	3084.4	2229.5	1769.0	1193.3	809.5	519.9	279.1	177.9	62.8	38.4	24.4
-2.5°	3025.1	2292.3	1755.0	1196.8	813.0	519.9	293.1	181.4	69.8	41.9	24.4
-5°	2930.8	2316.8	1713.2	1179.3	806.0	519.9	310.5	184.9	73.3	41.9	27.9
-7.5°	2840.1	2327.2	1664.3	1161.9	795.5	505.9	314.0	181.4	80.2	45.4	27.9
-10°	2721.5	2212.1	1601.5	1130.5	774.6	495.5	321.0	181.4	83.7	45.4	27.9
-12.5°	2585.4	2072.5	1524.7	1085.1	750.2	485.0	324.5	181.4	87.2	48.8	27.9
-15°	2428.4	1929.5	1437.5	1036.3	715.3	471.0	317.5	177.9	90.7	48.8	31.4
-17.5°	2250.5	1789.9	1346.8	976.9	676.9	453.6	303.6	174.5	90.7	48.8	31.4
-20°	2048.1	1650.3	1245.6	917.6	631.5	432.6	289.6	167.5	90.7	48.8	31.4



REPORT NUMBER: P722606

CATALOG NUMBER: IFLD-S-SA3E-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°	1866.7	1521.3	1140.9	851.3	582.7	408.2	272.2	160.5	90.7	52.3	31.4
-25°	1716.6	1395.6	1060.7	785.0	530.3	380.3	254.7	153.5	90.7	52.3	31.4
-27.5°	1559.6	1259.6	976.9	722.2	495.5	355.9	237.3	146.5	87.2	52.3	31.4
-30°	1399.1	1127.0	889.7	652.5	460.6	331.5	223.3	136.1	87.2	52.3	31.4
-32.5°	1252.6	1018.8	809.5	582.7	422.2	307.0	209.3	132.6	83.7	52.3	31.4
-35°	1109.5	921.1	725.7	526.9	380.3	282.6	195.4	129.1	83.7	52.3	31.4
-37.5°	990.9	830.4	649.0	488.5	355.9	261.7	181.4	122.1	80.2	52.3	31.4
-40°	893.2	746.7	575.7	446.6	335.0	240.7	167.5	118.6	80.2	52.3	31.4
-42.5°	802.5	666.4	530.3	411.7	314.0	226.8	157.0	115.1	76.8	52.3	31.4
-45°	722.2	596.6	485.0	380.3	289.6	209.3	150.0	108.2	73.3	52.3	34.9
-47.5°	642.0	547.8	443.1	352.4	265.2	188.4	143.1	104.7	69.8	48.8	34.9
-50°	579.2	495.5	408.2	321.0	240.7	181.4	136.1	97.7	69.8	48.8	34.9
-52.5°	523.4	446.6	369.8	289.6	219.8	171.0	129.1	90.7	66.3	48.8	34.9
-55°	471.0	401.2	331.5	258.2	205.9	160.5	118.6	83.7	66.3	48.8	34.9
-57.5°	418.7	359.4	293.1	233.8	188.4	150.0	111.7	83.7	66.3	48.8	34.9
-60°	376.8	321.0	265.2	216.3	174.5	136.1	101.2	80.2	62.8	48.8	34.9
-62.5°	341.9	289.6	240.7	195.4	160.5	122.1	97.7	80.2	62.8	48.8	31.4
-65°	307.0	261.7	216.3	177.9	143.1	115.1	94.2	76.8	62.8	48.8	31.4
-67.5°	272.2	230.3	195.4	157.0	132.6	111.7	90.7	76.8	59.3	45.4	31.4
-70°	237.3	202.4	171.0	146.5	125.6	104.7	87.2	73.3	59.3	41.9	27.9
-72.5°	209.3	177.9	153.5	136.1	118.6	101.2	83.7	69.8	55.8	38.4	24.4
-75°	177.9	157.0	139.6	122.1	108.2	94.2	80.2	62.8	48.8	34.9	24.4
-77.5°	150.0	136.1	122.1	111.7	97.7	83.7	69.8	55.8	45.4	31.4	20.9
-80°	129.1	118.6	108.2	97.7	87.2	73.3	62.8	48.8	38.4	27.9	17.4
-82.5°	104.7	97.7	87.2	80.2	73.3	62.8	52.3	41.9	27.9	20.9	14.0
-85°	80.2	73.3	69.8	62.8	55.8	45.4	34.9	27.9	20.9	14.0	7.0
-87.5°	41.9	38.4	34.9	31.4	27.9	20.9	17.4	14.0	10.5	7.0	3.5
-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: P722606

CATALOG NUMBER: IFLD-S-SA3E-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°	3.5	0.0	0.0	0.0
77.5°	3.5	0.0	0.0	0.0
75°	3.5	3.5	0.0	0.0
72.5°	3.5	3.5	0.0	0.0
70°	3.5	3.5	0.0	0.0
67.5°	7.0	3.5	0.0	0.0
65°	7.0	3.5	0.0	0.0
62.5°	7.0	3.5	0.0	0.0
60°	7.0	3.5	0.0	0.0
57.5°	10.5	3.5	3.5	0.0
55°	10.5	3.5	3.5	0.0
52.5°	10.5	3.5	3.5	0.0
50°	10.5	7.0	3.5	0.0
47.5°	10.5	7.0	3.5	0.0
45°	10.5	7.0	3.5	0.0
42.5°	10.5	7.0	3.5	0.0
40°	14.0	7.0	3.5	0.0
37.5°	14.0	7.0	3.5	0.0
35°	14.0	7.0	3.5	0.0
32.5°	14.0	7.0	3.5	0.0
30°	14.0	7.0	3.5	0.0
27.5°	14.0	10.5	3.5	0.0
25°	14.0	10.5	3.5	0.0
22.5°	17.4	10.5	3.5	0.0
20°	17.4	10.5	3.5	0.0
17.5°	17.4	10.5	3.5	0.0
15°	17.4	10.5	3.5	0.0
12.5°	17.4	10.5	3.5	0.0
10°	17.4	10.5	3.5	0.0
7.5°	17.4	10.5	3.5	0.0
5°	17.4	10.5	3.5	0.0
2.5°	17.4	10.5	3.5	0.0
0°	17.4	10.5	3.5	0.0
-2.5°	17.4	10.5	3.5	0.0
-5°	17.4	10.5	3.5	0.0
-7.5°	17.4	10.5	3.5	0.0
-10°	17.4	10.5	3.5	0.0
-12.5°	20.9	10.5	3.5	0.0
-15°	20.9	10.5	3.5	0.0
-17.5°	20.9	10.5	3.5	0.0
-20°	20.9	10.5	3.5	0.0



REPORT NUMBER: P722606

CATALOG NUMBER: IFLD-S-SA3E-830-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	20.9	10.5	3.5	0.0
-25°	20.9	10.5	3.5	0.0
-27.5°	20.9	10.5	3.5	0.0
-30°	20.9	10.5	3.5	0.0
-32.5°	20.9	10.5	3.5	0.0
-35°	20.9	10.5	3.5	0.0
-37.5°	20.9	10.5	3.5	0.0
-40°	20.9	10.5	3.5	0.0
-42.5°	17.4	10.5	3.5	0.0
-45°	20.9	10.5	3.5	0.0
-47.5°	20.9	10.5	3.5	0.0
-50°	20.9	10.5	3.5	0.0
-52.5°	20.9	10.5	3.5	0.0
-55°	20.9	10.5	3.5	0.0
-57.5°	20.9	10.5	3.5	0.0
-60°	20.9	10.5	3.5	0.0
-62.5°	17.4	10.5	3.5	0.0
-65°	17.4	7.0	3.5	0.0
-67.5°	17.4	7.0	3.5	0.0
-70°	17.4	7.0	3.5	0.0
-72.5°	14.0	7.0	3.5	0.0
-75°	14.0	7.0	3.5	0.0
-77.5°	10.5	3.5	0.0	0.0
-80°	10.5	3.5	0.0	0.0
-82.5°	7.0	3.5	0.0	0.0
-85°	3.5	3.5	0.0	0.0
-87.5°	3.5	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)