

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: P722108

Luminaire Tested: **IFLD-S-SA2E-750-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722108
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA2E-750-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (32) 5000K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

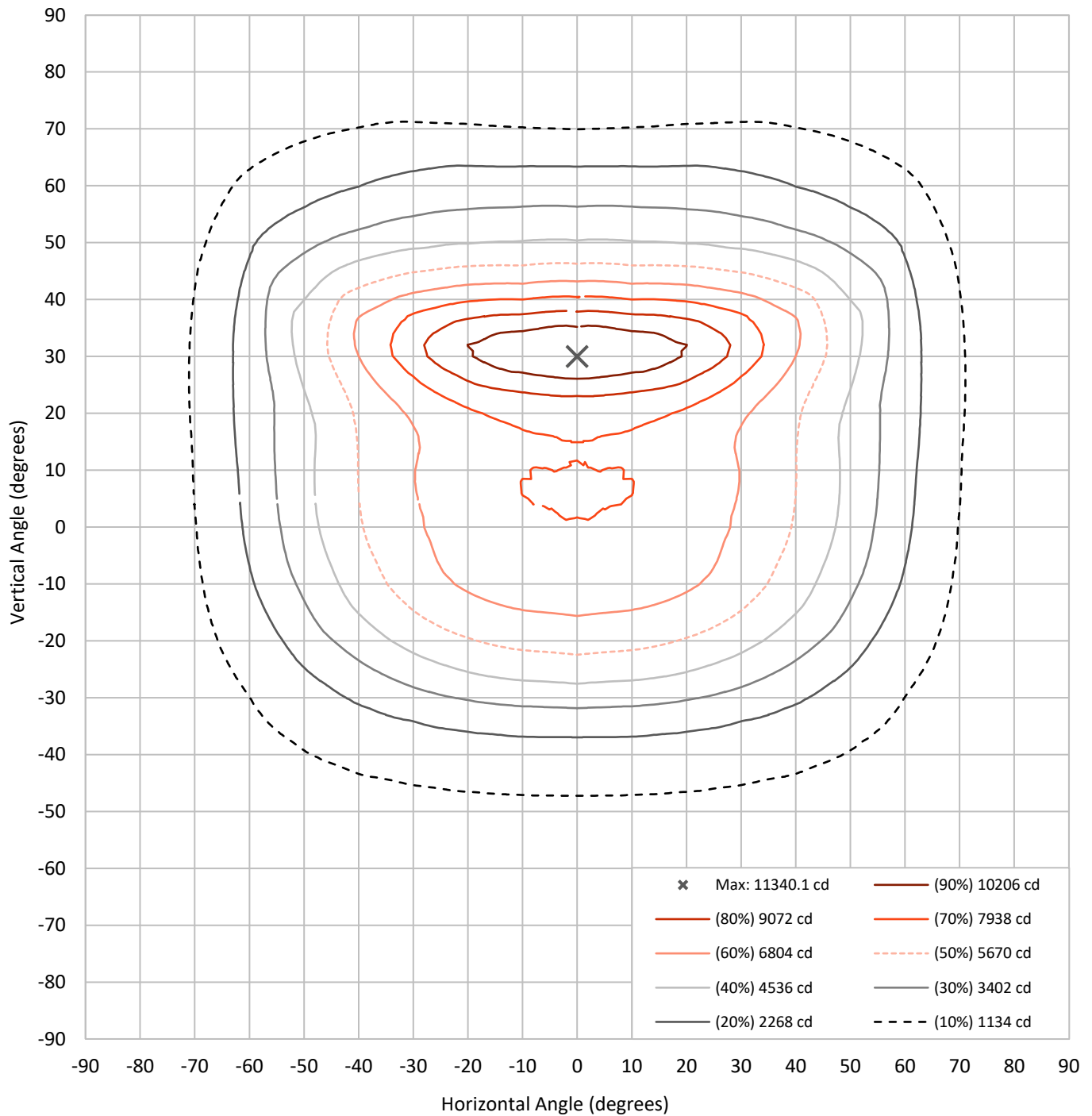
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	18929.5 lumens	Max Intensity:	11340.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	121.2 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	11007.7 lumens	Field Lumens:	17739.4 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 156.2
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: P722108
CATALOG NUMBER: IFLD-S-SA2E-750-U-76

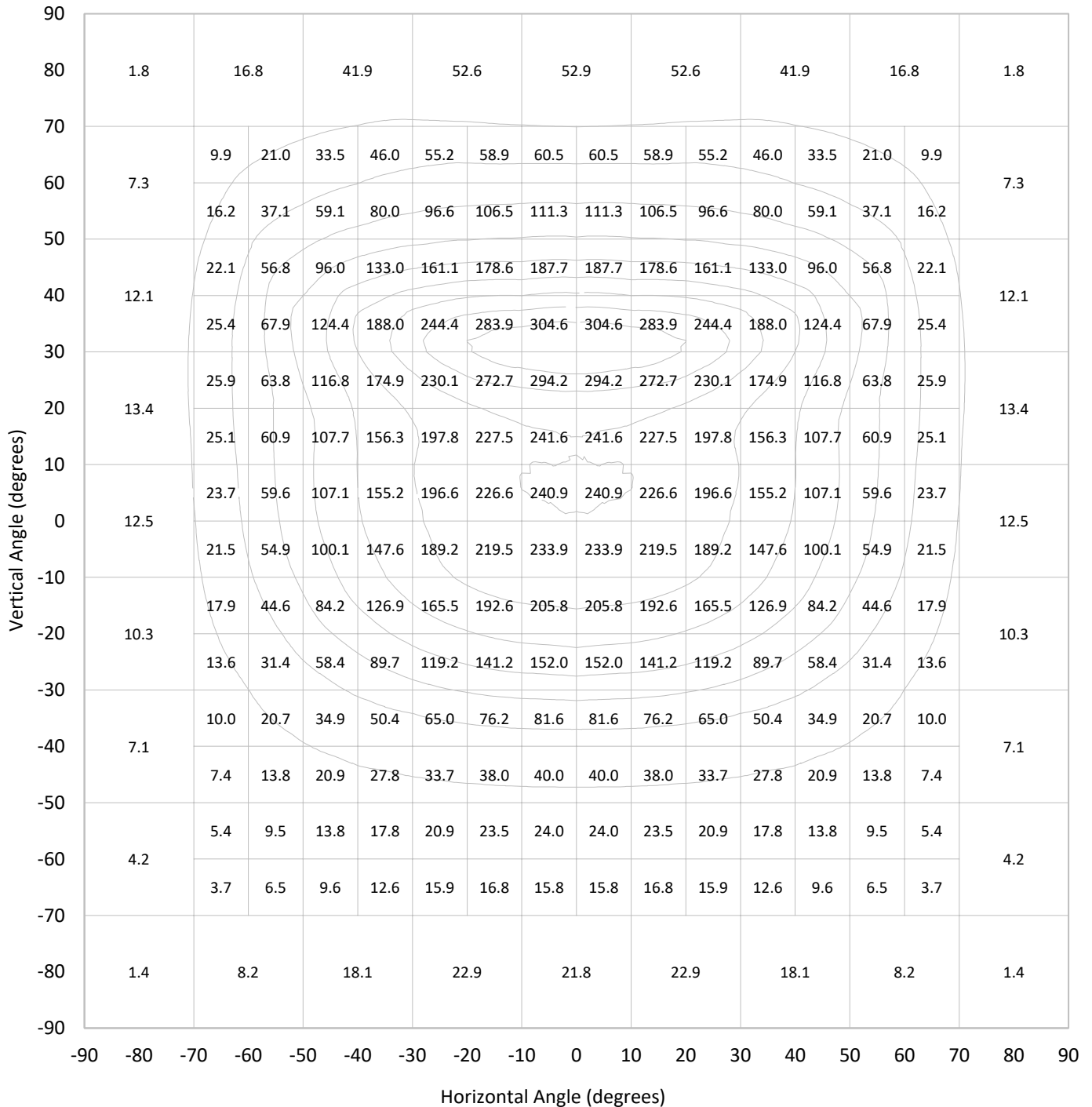
Iso-Candela Plot





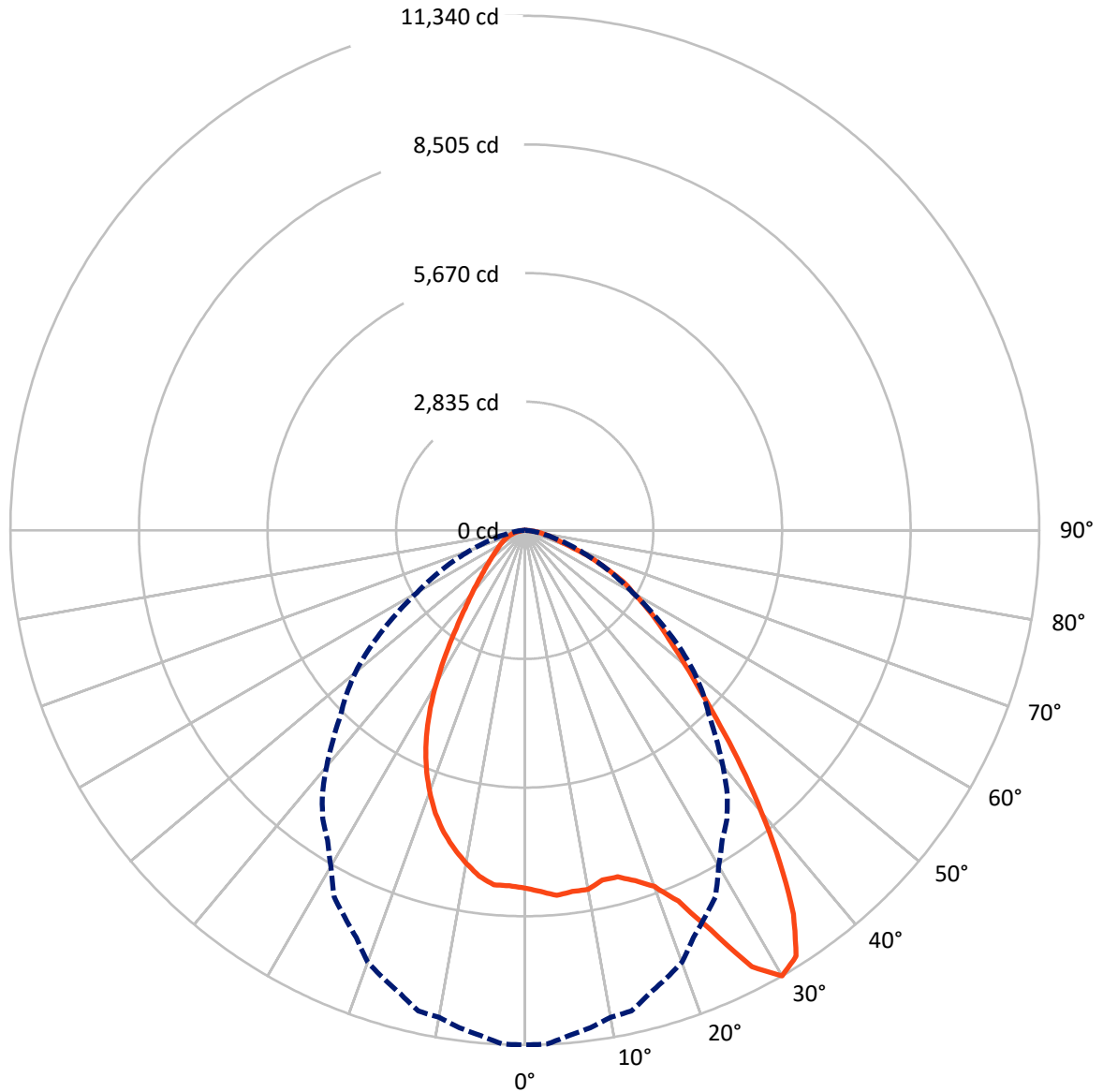
REPORT NUMBER: P722108
 CATALOG NUMBER: IFLD-S-SA2E-750-U-76

Lumen Table



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CATALOG NUMBER: IFLD-S-SA2E-750-U-76

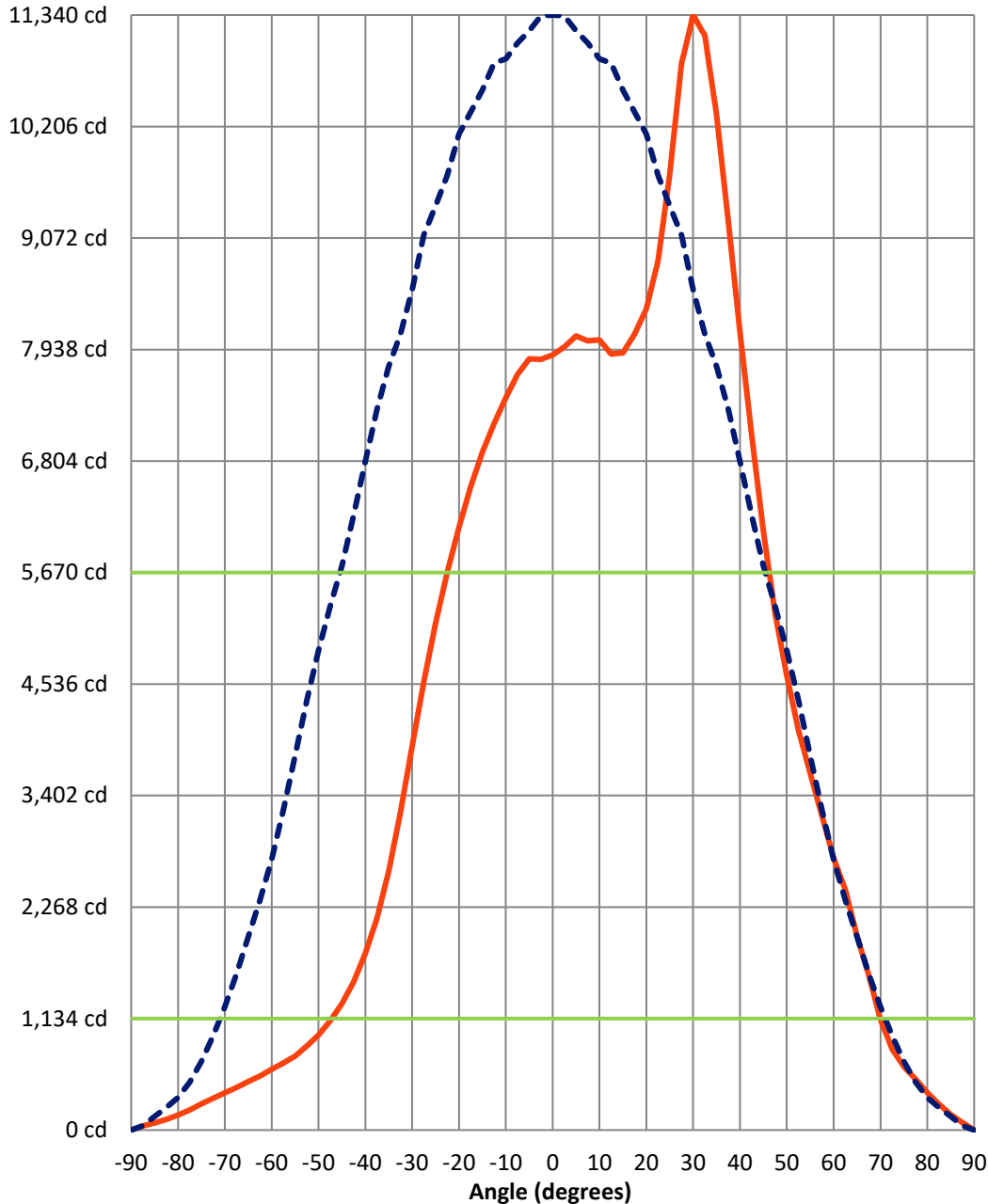
Luminous Intensity Polar Plot



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

REPORT NUMBER: P722108
 CATALOG NUMBER: IFLD-S-SA2E-750-U-76

Luminous Intensity Plot



Beam:
 H Angle: 90.8°
 V Angle: 68.8°
 Lumens: 11007.7
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 17739.4
 Efficiency: 93.7%

Spill:
 Lumens: 1190.1
 Efficiency: 6.3%

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



REPORT NUMBER: P722108
 CATALOG NUMBER: IFLD-S-SA2E-750-U-76

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°	76.2	78.2	80.2	80.2	78.2	78.2	78.2	76.2	78.2	78.2	78.2
85°	158.4	162.4	166.4	164.4	162.4	158.4	154.4	156.4	158.4	160.4	160.4
82.5°	262.7	268.7	272.7	270.7	266.7	262.7	258.7	260.7	264.7	266.7	266.7
80°	381.0	383.0	385.0	389.0	383.0	383.0	381.0	389.0	393.0	397.1	401.1
77.5°	517.4	519.4	519.4	521.4	523.4	525.4	525.4	539.4	549.5	555.5	561.5
75°	645.7	651.7	657.7	663.8	671.8	675.8	681.8	701.9	717.9	729.9	742.0
72.5°	822.2	830.2	840.2	854.3	868.3	878.3	892.4	916.4	934.5	946.5	960.5
70°	1125.0	1133.0	1143.0	1153.1	1167.1	1177.1	1191.2	1221.2	1239.3	1247.3	1255.3
67.5°	1574.2	1594.2	1612.3	1592.2	1582.2	1568.2	1572.2	1600.2	1618.3	1630.3	1628.3
65°	1973.2	1987.3	1987.3	1985.3	1977.2	1959.2	1969.2	2003.3	2023.4	2033.4	2003.3
62.5°	2442.5	2442.5	2432.5	2448.5	2450.5	2438.5	2432.5	2434.5	2436.5	2442.5	2392.4
60°	2767.3	2787.4	2793.4	2807.5	2811.5	2811.5	2821.5	2829.5	2829.5	2817.5	2759.3
57.5°	3196.5	3234.6	3242.6	3232.6	3212.5	3186.5	3182.4	3170.4	3146.4	3122.3	3094.2
55°	3629.6	3649.7	3647.7	3641.7	3621.6	3591.5	3595.5	3579.5	3541.4	3511.3	3473.2
52.5°	4064.8	4112.9	4120.9	4108.9	4080.8	4048.7	4050.8	4032.7	3994.6	3962.5	3910.4
50°	4620.3	4660.4	4656.4	4636.3	4596.2	4572.1	4574.1	4540.1	4495.9	4485.9	4417.7
47.5°	5256.0	5302.1	5294.1	5266.0	5211.8	5201.8	5211.8	5167.7	5141.6	5119.6	5039.4
45°	6090.2	6144.3	6114.2	6060.1	5973.9	5983.9	5997.9	5989.9	5933.8	5875.6	5773.3
42.5°	7068.8	7102.9	7066.8	7012.6	6904.3	6924.4	6916.4	6868.2	6834.1	6737.9	6607.5
40°	8115.5	8189.7	8133.6	8049.4	7937.1	7967.1	7945.1	7882.9	7802.7	7682.4	7518.0
37.5°	9244.5	9302.7	9238.5	9140.3	9040.0	9030.0	8985.9	8889.6	8775.3	8642.9	8380.2
35°	10325.4	10475.8	10357.5	10201.1	10078.8	10032.6	9990.5	9767.9	9637.6	9423.0	9064.1
32.5°	11129.5	11239.8	11093.4	10931.0	10782.6	10718.5	10570.1	10305.4	10235.2	9784.0	9455.1
30°	11340.1	11332.1	11179.7	11055.3	10894.9	10850.8	10578.1	10353.5	10128.9	9711.8	9398.9
27.5°	10838.8	10788.6	10642.2	10534.0	10375.5	10323.4	10054.7	9934.4	9587.4	9234.5	8969.8
25°	9721.8	9747.9	9637.6	9583.4	9479.2	9366.9	9260.6	9098.2	8881.6	8572.8	8330.1
22.5°	8841.5	8875.6	8829.4	8765.3	8685.1	8622.9	8542.7	8416.3	8207.8	8017.3	7788.7
20°	8352.2	8342.1	8302.0	8253.9	8177.7	8133.6	8045.4	7939.1	7778.6	7614.2	7367.6
17.5°	8095.5	8033.3	7995.2	7977.2	7937.1	7880.9	7776.6	7668.4	7544.0	7357.5	7177.1
15°	7905.0	7915.0	7884.9	7870.9	7838.8	7760.6	7654.3	7566.1	7397.6	7303.4	7138.9
12.5°	7893.0	7882.9	7884.9	7878.9	7838.8	7738.5	7684.4	7572.1	7463.8	7339.5	7151.0
10°	8035.3	7929.0	7937.1	7965.1	7901.0	7820.8	7762.6	7640.3	7538.0	7379.6	7193.1
7.5°	8027.3	7973.2	7989.2	7943.1	7963.1	7864.9	7784.7	7662.3	7534.0	7365.6	7197.1
5°	8075.4	7993.2	7979.2	7983.2	7933.1	7858.9	7750.6	7634.3	7513.9	7325.4	7153.0
2.5°	7965.1	7977.2	7913.0	7888.9	7882.9	7758.6	7658.3	7546.0	7421.7	7255.3	7100.8
0°	7882.9	7905.0	7838.8	7804.7	7802.7	7696.4	7632.3	7503.9	7415.7	7277.3	7090.8
-2.5°	7838.8	7864.9	7872.9	7810.7	7750.6	7668.4	7560.1	7421.7	7277.3	7116.9	6956.5
-5°	7842.8	7790.7	7768.6	7788.7	7736.5	7654.3	7534.0	7411.7	7269.3	7096.8	6896.3
-7.5°	7684.4	7632.3	7628.2	7618.2	7606.2	7528.0	7427.7	7295.4	7151.0	6990.6	6804.1
-10°	7447.8	7409.7	7399.6	7389.6	7357.5	7311.4	7217.2	7096.8	6966.5	6806.1	6607.5
-12.5°	7185.1	7167.0	7128.9	7102.9	7070.8	7016.6	6926.4	6816.1	6685.7	6543.4	6372.9
-15°	6894.3	6860.2	6822.1	6800.1	6753.9	6689.8	6599.5	6497.2	6354.9	6214.5	6054.1
-17.5°	6543.4	6501.3	6459.1	6453.1	6421.0	6322.8	6238.6	6114.2	5989.9	5855.5	5699.1
-20°	6130.3	6072.1	6044.0	6028.0	5983.9	5911.7	5821.5	5707.1	5586.8	5458.5	5278.0



REPORT NUMBER: P722108
 CATALOG NUMBER: IFLD-S-SA2E-750-U-76

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	5673.1	5622.9	5574.8	5544.7	5506.6	5450.5	5364.2	5264.0	5145.7	5001.3	4834.8
-25°	5153.7	5083.5	5053.4	5019.3	4999.3	4947.1	4862.9	4770.7	4648.3	4508.0	4349.5
-27.5°	4560.1	4504.0	4487.9	4439.8	4415.7	4361.6	4291.4	4205.2	4092.9	3960.5	3830.2
-30°	3904.4	3870.3	3844.2	3796.1	3778.0	3719.9	3673.8	3601.6	3499.3	3405.0	3300.8
-32.5°	3230.6	3196.5	3188.5	3166.4	3154.4	3116.3	3064.1	3012.0	2929.8	2859.6	2775.4
-35°	2633.0	2608.9	2610.9	2608.9	2596.9	2568.8	2504.6	2490.6	2430.5	2366.3	2312.1
-37.5°	2155.7	2157.7	2155.7	2153.7	2137.7	2125.6	2079.5	2061.5	2025.4	1963.2	1931.1
-40°	1796.8	1800.8	1798.8	1794.8	1776.7	1770.7	1740.6	1716.6	1702.5	1658.4	1624.3
-42.5°	1506.0	1512.0	1510.0	1508.0	1496.0	1494.0	1477.9	1449.8	1441.8	1415.8	1379.7
-45°	1285.4	1283.4	1279.4	1283.4	1277.4	1271.4	1261.3	1243.3	1233.3	1221.2	1191.2
-47.5°	1110.9	1113.0	1108.9	1108.9	1100.9	1094.9	1090.9	1078.9	1070.8	1060.8	1042.8
-50°	966.6	974.6	972.6	970.6	964.6	960.5	960.5	948.5	936.5	932.5	920.4
-52.5°	854.3	860.3	862.3	866.3	868.3	870.3	864.3	852.3	832.2	830.2	824.2
-55°	752.0	770.0	782.1	790.1	798.1	804.1	792.1	776.1	756.0	748.0	746.0
-57.5°	681.8	699.9	713.9	725.9	736.0	746.0	733.9	717.9	699.9	689.8	687.8
-60°	617.6	633.7	647.7	663.8	677.8	693.8	687.8	675.8	665.8	657.7	649.7
-62.5°	549.5	565.5	581.5	601.6	619.6	635.7	637.7	635.7	633.7	635.7	621.7
-65°	493.3	501.3	511.4	533.4	553.5	571.5	581.5	587.6	597.6	607.6	593.6
-67.5°	433.1	443.2	455.2	471.3	487.3	499.3	513.4	529.4	545.4	561.5	551.5
-70°	379.0	387.0	397.1	405.1	415.1	423.1	435.2	453.2	471.3	487.3	483.3
-72.5°	322.9	330.9	336.9	340.9	346.9	350.9	356.9	373.0	385.0	393.0	393.0
-75°	266.7	274.7	280.7	282.8	286.8	288.8	292.8	298.8	304.8	306.8	308.8
-77.5°	204.5	212.6	218.6	222.6	226.6	230.6	232.6	236.6	238.6	238.6	240.6
-80°	152.4	158.4	162.4	168.4	170.5	174.5	178.5	180.5	182.5	182.5	184.5
-82.5°	108.3	112.3	116.3	120.3	124.3	126.3	130.3	132.4	134.4	136.4	138.4
-85°	72.2	76.2	80.2	84.2	86.2	88.2	90.2	92.2	94.3	96.3	98.3
-87.5°	42.1	44.1	46.1	50.1	52.1	56.1	58.2	56.1	58.2	58.2	58.2
-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: P722108
 CATALOG NUMBER: IFLD-S-SA2E-750-U-76

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°	78.2	78.2	78.2	78.2	76.2	72.2	70.2	66.2	62.2	58.2	54.1
85°	162.4	164.4	164.4	164.4	160.4	158.4	152.4	146.4	138.4	126.3	116.3
82.5°	270.7	272.7	272.7	270.7	266.7	260.7	252.7	242.6	226.6	210.6	196.5
80°	407.1	409.1	409.1	407.1	397.1	387.0	377.0	365.0	344.9	322.9	298.8
77.5°	569.5	573.5	573.5	567.5	553.5	541.4	525.4	505.3	475.3	443.2	411.1
75°	758.0	768.0	770.0	764.0	746.0	723.9	697.9	663.8	617.6	577.5	539.4
72.5°	976.6	986.6	994.6	986.6	960.5	930.5	892.4	852.3	806.1	752.0	687.8
70°	1263.4	1273.4	1279.4	1253.3	1207.2	1157.1	1110.9	1064.8	1010.7	944.5	874.3
67.5°	1624.3	1614.3	1602.3	1550.1	1492.0	1431.8	1367.6	1299.4	1229.3	1159.1	1076.9
65°	1971.2	1943.2	1917.1	1854.9	1780.7	1702.5	1628.3	1552.1	1467.9	1379.7	1301.5
62.5°	2336.2	2276.0	2211.9	2135.7	2059.5	1973.2	1899.0	1808.8	1714.6	1606.3	1506.0
60°	2695.2	2623.0	2558.8	2464.5	2364.3	2248.0	2167.8	2079.5	1969.2	1852.9	1734.6
57.5°	3042.1	2963.9	2893.7	2811.5	2703.2	2576.8	2488.6	2374.3	2258.0	2111.6	1991.3
55°	3411.1	3332.8	3276.7	3184.5	3066.1	2949.8	2853.6	2733.3	2570.8	2414.4	2266.0
52.5°	3834.2	3772.0	3711.9	3617.6	3475.2	3356.9	3250.6	3116.3	2945.8	2753.3	2574.8
50°	4307.4	4275.3	4211.2	4100.9	3938.5	3834.2	3693.8	3515.3	3332.8	3130.3	2907.7
47.5°	4935.1	4883.0	4792.7	4672.4	4536.0	4379.6	4191.1	3982.6	3723.9	3499.3	3262.7
45°	5685.1	5588.8	5472.5	5310.1	5141.6	4965.2	4758.6	4493.9	4147.0	3854.2	3605.6
42.5°	6497.2	6366.9	6208.5	5995.9	5777.3	5560.8	5338.2	4977.2	4544.1	4207.2	3926.4
40°	7345.5	7179.1	6980.5	6671.7	6429.1	6150.3	5895.6	5356.2	4895.0	4530.0	4231.2
37.5°	8175.7	7965.1	7632.3	7257.3	6974.5	6745.9	6186.4	5608.9	5195.8	4794.7	4491.9
35°	8811.4	8632.9	8045.4	7656.3	7413.7	7052.7	6352.9	5761.3	5324.1	4991.2	4520.0
32.5°	9188.4	8727.2	8211.8	7818.8	7618.2	7026.7	6364.9	5805.4	5384.3	5011.3	4447.8
30°	9104.2	8546.7	8095.5	7766.6	7331.5	6800.1	6252.6	5737.2	5328.1	4876.9	4367.6
27.5°	8596.8	8165.7	7762.6	7419.7	6992.6	6515.3	6010.0	5556.8	5175.7	4738.6	4257.3
25°	8023.3	7632.3	7333.5	7034.7	6629.6	6174.4	5729.2	5402.3	5019.3	4588.2	4112.9
22.5°	7495.9	7215.2	6980.5	6667.7	6272.7	5875.6	5598.9	5260.0	4866.9	4429.8	3964.5
20°	7159.0	6968.5	6699.8	6354.9	6044.0	5795.4	5488.6	5129.6	4724.5	4267.3	3838.2
17.5°	6996.6	6776.0	6477.2	6252.6	6014.0	5741.2	5398.3	5017.3	4586.2	4193.1	3852.2
15°	6912.3	6679.7	6483.2	6262.6	5993.9	5707.1	5326.1	4931.1	4586.2	4223.2	3862.3
12.5°	6930.4	6729.9	6515.3	6274.7	5985.9	5679.1	5334.2	4967.2	4610.2	4245.3	3864.3
10°	6986.5	6776.0	6547.4	6280.7	5989.9	5687.1	5356.2	4989.2	4622.3	4255.3	3860.2
7.5°	7006.6	6778.0	6533.3	6264.6	5979.9	5683.1	5360.2	4995.3	4624.3	4253.3	3848.2
5°	6944.4	6737.9	6501.3	6230.5	5951.8	5663.0	5344.2	4987.2	4608.2	4233.2	3818.1
2.5°	6860.2	6693.8	6467.2	6206.5	5923.7	5635.0	5318.1	4951.1	4572.1	4197.1	3780.0
0°	6846.2	6639.6	6411.0	6178.4	5877.6	5572.8	5258.0	4883.0	4506.0	4129.0	3713.9
-2.5°	6753.9	6535.3	6306.7	6054.1	5789.4	5482.6	5151.7	4784.7	4411.7	4040.7	3641.7
-5°	6683.7	6441.1	6198.5	5925.7	5659.0	5352.2	5009.3	4652.3	4287.4	3926.4	3541.4
-7.5°	6589.5	6340.8	6086.2	5801.4	5512.6	5199.8	4860.9	4504.0	4145.0	3786.0	3417.1
-10°	6399.0	6180.4	5941.8	5647.0	5342.2	5029.4	4692.5	4341.5	3982.6	3619.6	3248.6
-12.5°	6168.4	5937.8	5677.1	5406.4	5133.6	4842.9	4506.0	4161.0	3800.1	3435.1	3066.1
-15°	5869.6	5643.0	5376.3	5111.6	4848.9	4570.1	4273.3	3962.5	3595.5	3236.6	2867.6
-17.5°	5496.6	5284.0	5045.4	4792.7	4532.0	4251.3	3962.5	3699.8	3356.9	3020.0	2655.0
-20°	5095.5	4897.0	4682.4	4443.8	4183.1	3908.4	3635.7	3360.9	3064.1	2767.3	2428.4



REPORT NUMBER: P722108
 CATALOG NUMBER: IFLD-S-SA2E-750-U-76

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	4678.4	4477.9	4261.3	4038.7	3798.1	3543.4	3290.7	3028.0	2767.3	2498.6	2211.9
-25°	4197.1	4020.7	3822.1	3605.6	3391.0	3168.4	2927.8	2689.1	2466.5	2233.9	1999.3
-27.5°	3693.8	3531.4	3350.9	3162.4	2977.9	2791.4	2582.9	2362.3	2177.8	1985.3	1790.8
-30°	3164.4	3034.1	2887.7	2723.2	2580.9	2430.5	2256.0	2073.5	1905.1	1758.7	1602.3
-32.5°	2663.1	2552.8	2448.5	2340.2	2199.8	2083.5	1963.2	1828.9	1680.5	1542.1	1429.8
-35°	2231.9	2113.6	2069.5	1989.3	1889.0	1786.7	1698.5	1602.3	1490.0	1367.6	1275.4
-37.5°	1869.0	1798.8	1736.6	1692.5	1626.3	1544.1	1473.9	1403.7	1317.5	1225.3	1133.0
-40°	1586.2	1538.1	1469.9	1447.8	1405.7	1349.6	1277.4	1223.2	1165.1	1094.9	1016.7
-42.5°	1359.6	1323.5	1279.4	1241.3	1223.2	1183.1	1127.0	1074.9	1028.7	980.6	920.4
-45°	1173.1	1149.1	1121.0	1086.9	1072.8	1040.8	1000.7	942.5	916.4	876.3	832.2
-47.5°	1022.7	1010.7	990.6	968.6	948.5	924.5	888.4	852.3	816.2	790.1	756.0
-50°	904.4	896.4	884.3	866.3	840.2	824.2	800.1	768.0	733.9	711.9	687.8
-52.5°	810.2	802.1	794.1	780.1	760.0	744.0	723.9	697.9	669.8	647.7	627.7
-55°	738.0	725.9	719.9	707.9	691.8	673.8	655.7	637.7	613.6	593.6	573.5
-57.5°	681.8	665.8	657.7	647.7	631.7	613.6	599.6	581.5	565.5	543.4	525.4
-60°	637.7	619.6	603.6	593.6	579.5	561.5	547.5	533.4	517.4	499.3	477.3
-62.5°	601.6	579.5	557.5	545.4	531.4	515.4	501.3	487.3	471.3	453.2	433.1
-65°	567.5	541.4	513.4	501.3	487.3	471.3	453.2	443.2	429.1	413.1	393.0
-67.5°	525.4	497.3	473.3	459.2	445.2	431.1	415.1	405.1	391.0	371.0	350.9
-70°	463.2	445.2	429.1	417.1	405.1	393.0	377.0	361.0	344.9	326.9	308.8
-72.5°	385.0	379.0	377.0	371.0	356.9	342.9	326.9	310.8	296.8	282.8	268.7
-75°	310.8	314.8	318.8	316.8	302.8	288.8	274.7	260.7	250.7	238.6	226.6
-77.5°	246.7	250.7	254.7	254.7	244.6	236.6	226.6	216.6	208.6	198.5	186.5
-80°	190.5	196.5	202.5	206.5	198.5	192.5	184.5	176.5	168.4	160.4	152.4
-82.5°	144.4	150.4	156.4	160.4	154.4	150.4	144.4	138.4	132.4	124.3	118.3
-85°	104.3	108.3	112.3	114.3	110.3	106.3	102.3	98.3	94.3	88.2	84.2
-87.5°	60.2	62.2	64.2	66.2	62.2	58.2	56.1	52.1	50.1	46.1	44.1
-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: P722108
 CATALOG NUMBER: IFLD-S-SA2E-750-U-76

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°	50.1	46.1	42.1	40.1	36.1	30.1	26.1	22.1	18.0	14.0	12.0
85°	106.3	96.3	84.2	78.2	70.2	62.2	54.1	46.1	38.1	30.1	22.1
82.5°	182.5	170.5	158.4	144.4	126.3	104.3	82.2	68.2	56.1	44.1	34.1
80°	274.7	252.7	232.6	214.6	194.5	166.4	136.4	108.3	76.2	58.2	44.1
77.5°	381.0	354.9	326.9	296.8	264.7	226.6	192.5	156.4	118.3	80.2	56.1
75°	501.3	467.2	429.1	387.0	344.9	294.8	246.7	204.5	160.4	112.3	68.2
72.5°	635.7	593.6	547.5	491.3	425.1	367.0	308.8	252.7	200.5	142.4	92.2
70°	808.1	742.0	673.8	613.6	529.4	437.2	369.0	304.8	238.6	174.5	116.3
67.5°	992.6	912.4	830.2	742.0	635.7	527.4	429.1	356.9	278.7	204.5	138.4
65°	1193.2	1092.9	988.6	890.4	744.0	615.6	505.3	407.1	316.8	232.6	160.4
62.5°	1399.7	1281.4	1161.1	1032.7	864.3	705.9	577.5	463.2	352.9	258.7	180.5
60°	1620.3	1481.9	1335.5	1175.1	978.6	804.1	645.7	521.4	391.0	284.8	202.5
57.5°	1852.9	1702.5	1530.1	1313.5	1096.9	898.4	723.9	573.5	425.1	308.8	218.6
55°	2105.6	1933.1	1744.6	1457.9	1213.2	992.6	802.1	625.7	461.2	328.9	234.6
52.5°	2378.3	2177.8	1939.1	1610.3	1335.5	1088.9	874.3	671.8	495.3	350.9	248.7
50°	2683.1	2430.5	2109.6	1750.6	1441.8	1179.1	946.5	721.9	523.4	375.0	260.7
47.5°	3000.0	2727.2	2262.0	1881.0	1550.1	1267.4	1020.7	766.0	551.5	395.0	272.7
45°	3330.8	2933.8	2420.4	1997.3	1644.4	1347.6	1076.9	806.1	585.6	413.1	282.8
42.5°	3657.7	3090.2	2558.8	2113.6	1732.6	1419.8	1123.0	844.2	613.6	431.1	292.8
40°	3812.1	3208.5	2669.1	2193.8	1806.8	1483.9	1163.1	878.3	637.7	443.2	302.8
37.5°	3876.3	3280.7	2741.3	2270.0	1865.0	1518.0	1197.2	908.4	657.7	455.2	310.8
35°	3890.3	3306.8	2777.4	2322.2	1913.1	1550.1	1223.2	930.5	673.8	467.2	318.8
32.5°	3864.3	3298.8	2787.4	2340.2	1943.2	1574.2	1241.3	946.5	685.8	479.3	326.9
30°	3806.1	3256.6	2751.3	2338.2	1965.2	1588.2	1253.3	958.5	697.9	487.3	330.9
27.5°	3711.9	3182.4	2705.2	2340.2	1977.2	1594.2	1259.3	964.6	705.9	493.3	338.9
25°	3595.5	3082.2	2707.2	2336.2	1979.3	1596.2	1259.3	964.6	707.9	495.3	344.9
22.5°	3461.2	3082.2	2707.2	2330.2	1967.2	1592.2	1253.3	960.5	707.9	499.3	350.9
20°	3469.2	3084.2	2701.2	2318.2	1949.2	1580.2	1239.3	950.5	701.9	505.3	354.9
17.5°	3475.2	3080.2	2689.1	2302.1	1925.1	1560.1	1221.2	936.5	701.9	511.4	356.9
15°	3475.2	3068.1	2671.1	2278.0	1895.0	1532.1	1195.2	924.5	703.9	513.4	361.0
12.5°	3469.2	3046.1	2643.0	2246.0	1858.9	1498.0	1179.1	920.4	703.9	515.4	361.0
10°	3457.2	3016.0	2606.9	2205.9	1824.8	1485.9	1171.1	912.4	699.9	515.4	361.0
7.5°	3435.1	2979.9	2576.8	2181.8	1804.8	1471.9	1159.1	900.4	693.8	511.4	365.0
5°	3401.0	2959.9	2552.8	2153.7	1776.7	1461.9	1151.1	890.4	689.8	511.4	361.0
2.5°	3356.9	2935.8	2524.7	2117.6	1744.6	1427.8	1125.0	868.3	675.8	503.3	356.9
0°	3284.7	2887.7	2476.6	2067.5	1700.5	1393.7	1098.9	846.2	661.8	495.3	352.9
-2.5°	3218.5	2823.5	2414.4	2015.3	1658.4	1363.6	1078.9	834.2	655.7	493.3	350.9
-5°	3126.3	2735.3	2332.2	1947.2	1602.3	1333.5	1058.8	820.2	649.7	489.3	350.9
-7.5°	3024.0	2643.0	2246.0	1877.0	1546.1	1281.4	1020.7	798.1	635.7	481.3	348.9
-10°	2865.6	2504.6	2137.7	1796.8	1485.9	1235.3	988.6	778.1	623.7	473.3	340.9
-12.5°	2697.2	2352.2	2013.3	1698.5	1417.8	1187.2	952.5	756.0	609.6	465.2	336.9
-15°	2518.7	2195.8	1883.0	1596.2	1343.6	1129.0	914.4	731.9	595.6	455.2	330.9
-17.5°	2332.2	2031.4	1748.6	1492.0	1269.4	1068.8	874.3	709.9	579.5	445.2	324.9
-20°	2135.7	1862.9	1612.3	1385.7	1191.2	1008.7	832.2	683.8	561.5	433.1	316.8



REPORT NUMBER: P722108
 CATALOG NUMBER: IFLD-S-SA2E-750-U-76

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1941.2	1696.5	1471.9	1281.4	1110.9	946.5	790.1	657.7	541.4	419.1	310.8
-25°	1768.7	1540.1	1347.6	1181.1	1032.7	886.4	746.0	631.7	519.4	405.1	302.8
-27.5°	1600.2	1405.7	1225.3	1086.9	956.5	828.2	703.9	603.6	497.3	389.0	294.8
-30°	1443.8	1277.4	1129.0	994.6	884.3	776.1	667.8	575.5	473.3	373.0	284.8
-32.5°	1301.5	1167.1	1042.8	914.4	816.2	723.9	633.7	547.5	449.2	356.9	274.7
-35°	1169.1	1064.8	956.5	848.3	748.0	675.8	597.6	517.4	427.1	338.9	264.7
-37.5°	1050.8	966.6	880.3	788.1	701.9	629.7	563.5	487.3	405.1	322.9	254.7
-40°	948.5	880.3	804.1	729.9	657.7	589.6	529.4	457.2	383.0	310.8	244.6
-42.5°	854.3	802.1	740.0	677.8	613.6	553.5	495.3	425.1	361.0	296.8	234.6
-45°	782.1	729.9	679.8	623.7	569.5	517.4	459.2	397.1	340.9	280.7	224.6
-47.5°	713.9	667.8	621.7	575.5	531.4	483.3	425.1	373.0	318.8	266.7	216.6
-50°	653.7	609.6	569.5	529.4	491.3	445.2	391.0	348.9	300.8	252.7	206.5
-52.5°	597.6	559.5	519.4	487.3	455.2	409.1	365.0	324.9	282.8	236.6	196.5
-55°	547.5	511.4	475.3	445.2	415.1	375.0	338.9	304.8	264.7	224.6	186.5
-57.5°	499.3	469.2	435.2	407.1	377.0	344.9	314.8	282.8	246.7	212.6	176.5
-60°	455.2	427.1	397.1	369.0	342.9	316.8	288.8	262.7	230.6	198.5	166.4
-62.5°	411.1	387.0	361.0	332.9	312.8	288.8	266.7	240.6	214.6	186.5	148.4
-65°	371.0	348.9	324.9	300.8	282.8	264.7	244.6	220.6	198.5	172.5	132.4
-67.5°	330.9	310.8	290.8	270.7	254.7	240.6	220.6	202.5	184.5	156.4	116.3
-70°	292.8	276.7	258.7	242.6	230.6	214.6	200.5	184.5	168.4	136.4	98.3
-72.5°	256.7	240.6	226.6	214.6	204.5	190.5	178.5	166.4	144.4	114.3	82.2
-75°	214.6	204.5	196.5	186.5	176.5	166.4	156.4	142.4	120.3	92.2	64.2
-77.5°	176.5	170.5	164.4	156.4	148.4	140.4	128.3	114.3	96.3	72.2	52.1
-80°	144.4	138.4	134.4	126.3	120.3	112.3	100.3	88.2	70.2	56.1	42.1
-82.5°	110.3	106.3	102.3	98.3	92.2	84.2	72.2	62.2	52.1	42.1	32.1
-85°	78.2	76.2	72.2	68.2	62.2	56.1	48.1	42.1	36.1	28.1	22.1
-87.5°	40.1	38.1	36.1	34.1	32.1	28.1	24.1	20.1	18.0	14.0	10.0
-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: P722108
 CATALOG NUMBER: IFLD-S-SA2E-750-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	8.0	6.0	2.0	0.0
85°	16.0	10.0	4.0	0.0
82.5°	24.1	16.0	6.0	0.0
80°	32.1	20.1	10.0	0.0
77.5°	40.1	24.1	12.0	0.0
75°	48.1	30.1	14.0	0.0
72.5°	54.1	34.1	16.0	0.0
70°	64.2	40.1	18.0	0.0
67.5°	80.2	44.1	20.1	0.0
65°	94.3	48.1	22.1	0.0
62.5°	110.3	52.1	24.1	0.0
60°	124.3	56.1	26.1	0.0
57.5°	138.4	66.2	28.1	0.0
55°	150.4	74.2	30.1	0.0
52.5°	164.4	82.2	32.1	0.0
50°	176.5	90.2	34.1	0.0
47.5°	186.5	98.3	34.1	0.0
45°	194.5	104.3	36.1	0.0
42.5°	200.5	110.3	38.1	0.0
40°	206.5	116.3	40.1	0.0
37.5°	212.6	122.3	40.1	0.0
35°	218.6	128.3	42.1	0.0
32.5°	224.6	134.4	42.1	0.0
30°	228.6	138.4	44.1	0.0
27.5°	234.6	142.4	44.1	0.0
25°	236.6	146.4	46.1	0.0
22.5°	240.6	148.4	46.1	0.0
20°	244.6	152.4	46.1	0.0
17.5°	246.7	154.4	48.1	0.0
15°	246.7	156.4	50.1	0.0
12.5°	248.7	158.4	50.1	0.0
10°	248.7	162.4	48.1	0.0
7.5°	252.7	160.4	48.1	0.0
5°	250.7	160.4	48.1	0.0
2.5°	248.7	158.4	48.1	0.0
0°	246.7	158.4	48.1	0.0
-2.5°	246.7	158.4	48.1	0.0
-5°	246.7	158.4	48.1	0.0
-7.5°	244.6	160.4	48.1	0.0
-10°	240.6	160.4	48.1	0.0
-12.5°	238.6	154.4	48.1	0.0
-15°	236.6	152.4	48.1	0.0
-17.5°	232.6	150.4	46.1	0.0
-20°	228.6	148.4	46.1	0.0



REPORT NUMBER: P722108

CATALOG NUMBER: IFLD-S-SA2E-750-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	224.6	144.4	46.1	0.0
-25°	220.6	140.4	44.1	0.0
-27.5°	216.6	136.4	44.1	0.0
-30°	210.6	132.4	42.1	0.0
-32.5°	204.5	128.3	42.1	0.0
-35°	200.5	122.3	40.1	0.0
-37.5°	194.5	116.3	40.1	0.0
-40°	188.5	110.3	38.1	0.0
-42.5°	182.5	104.3	36.1	0.0
-45°	174.5	98.3	36.1	0.0
-47.5°	168.4	92.2	34.1	0.0
-50°	158.4	84.2	32.1	0.0
-52.5°	146.4	76.2	30.1	0.0
-55°	134.4	70.2	28.1	0.0
-57.5°	122.3	62.2	28.1	0.0
-60°	110.3	54.1	26.1	0.0
-62.5°	98.3	50.1	24.1	0.0
-65°	86.2	46.1	22.1	0.0
-67.5°	72.2	40.1	20.1	0.0
-70°	60.2	36.1	18.0	0.0
-72.5°	52.1	32.1	16.0	0.0
-75°	44.1	28.1	14.0	0.0
-77.5°	38.1	24.1	12.0	0.0
-80°	30.1	18.0	8.0	0.0
-82.5°	22.1	14.0	6.0	0.0
-85°	14.0	10.0	4.0	0.0
-87.5°	8.0	4.0	2.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)