

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: P722659

Luminaire Tested: **IFLD-S-SA2E-930-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722659
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA2E-930-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (32) 3000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

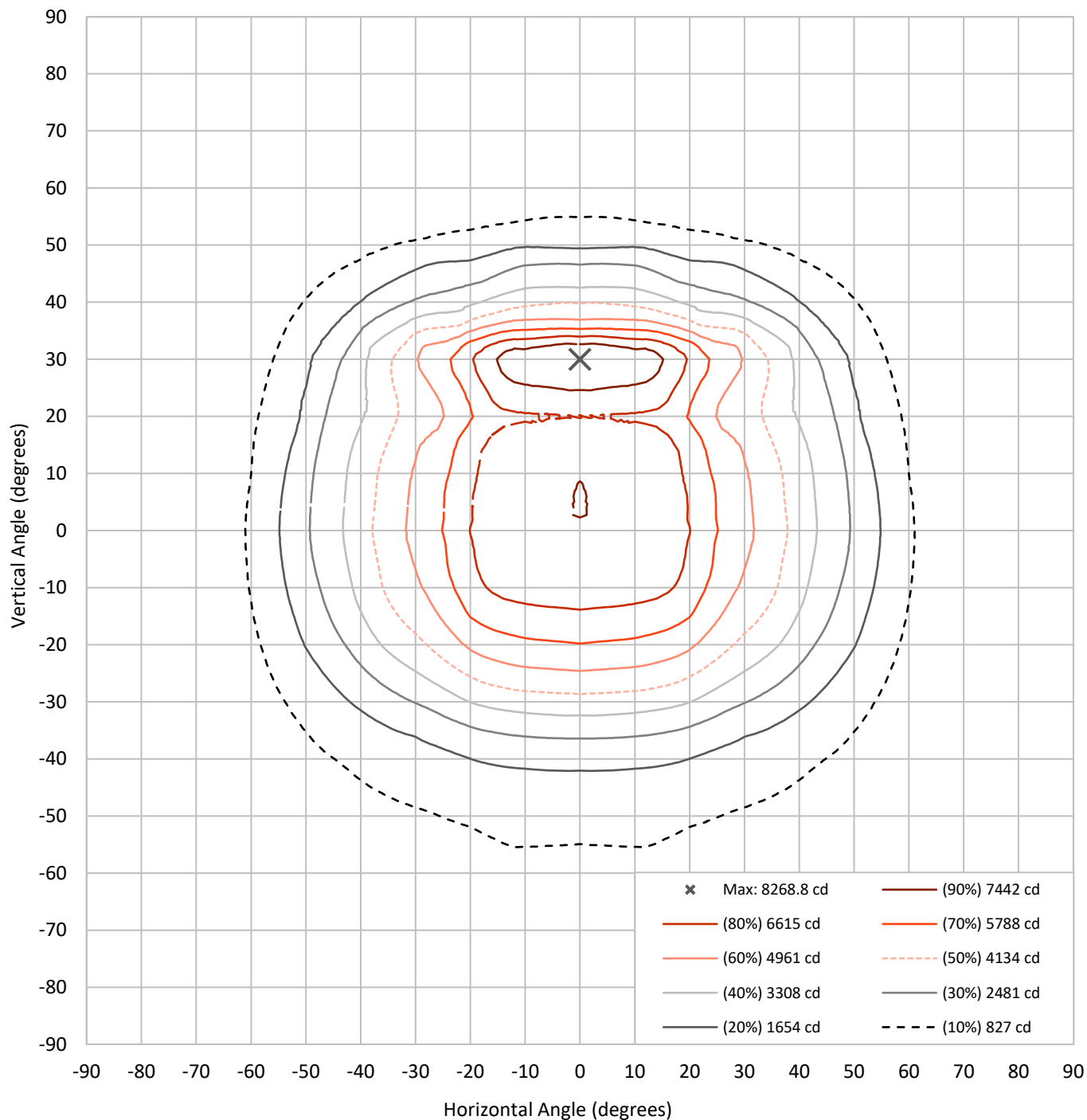
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	11844.6 lumens	Max Intensity:	8268.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	75.8 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	68.6°H x 68.4°V	Field Angle (10%):	111.9°H x 109.7°V
Beam Lumens:	7556.3 lumens	Field Lumens:	11166.8 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%
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: P722659

CATALOG NUMBER: IFLD-S-SA2E-930-U-76-VI

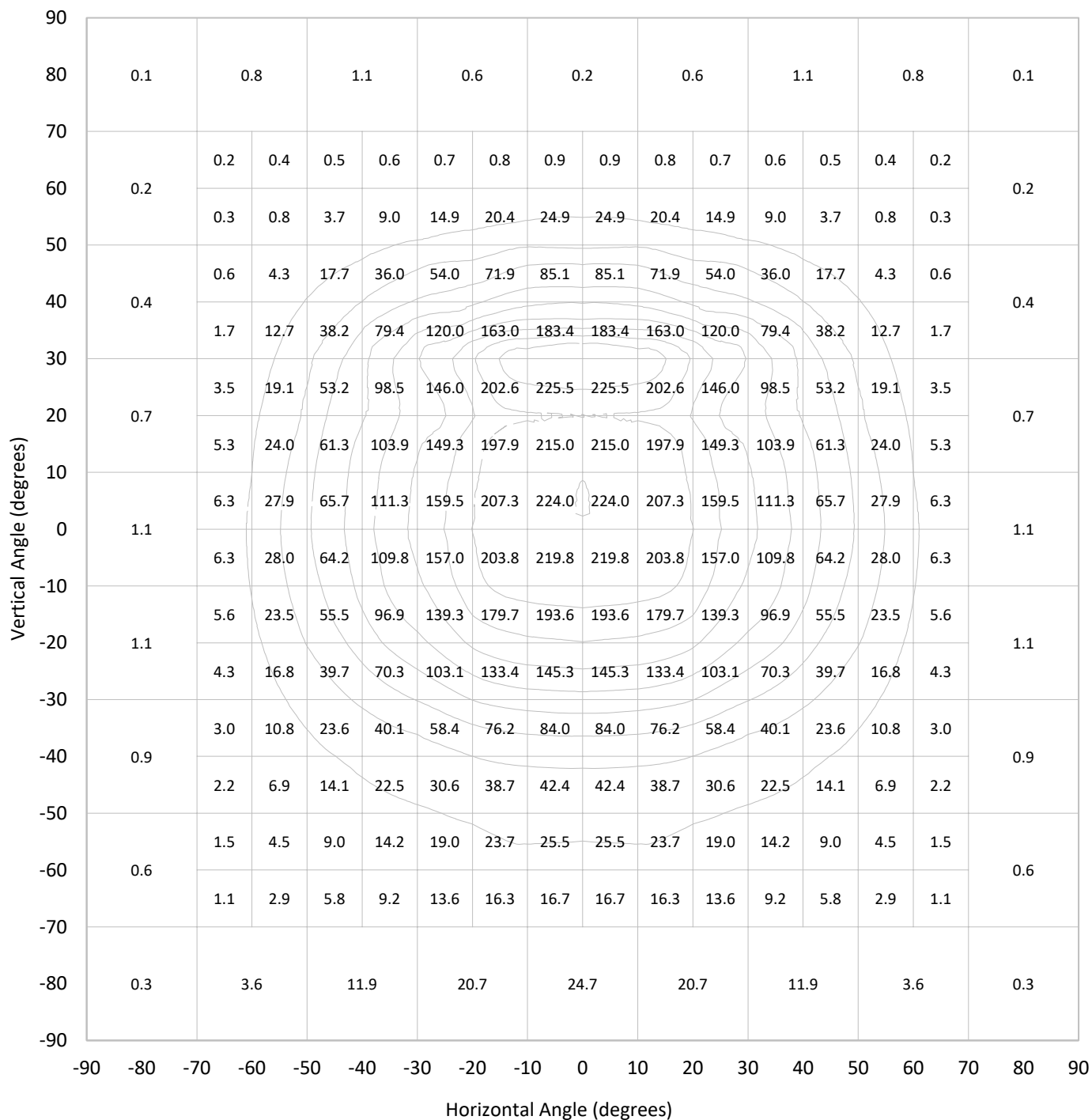
Iso-Candela Plot



REPORT NUMBER: P722659

CATALOG NUMBER: IFLD-S-SA2E-930-U-76-VI

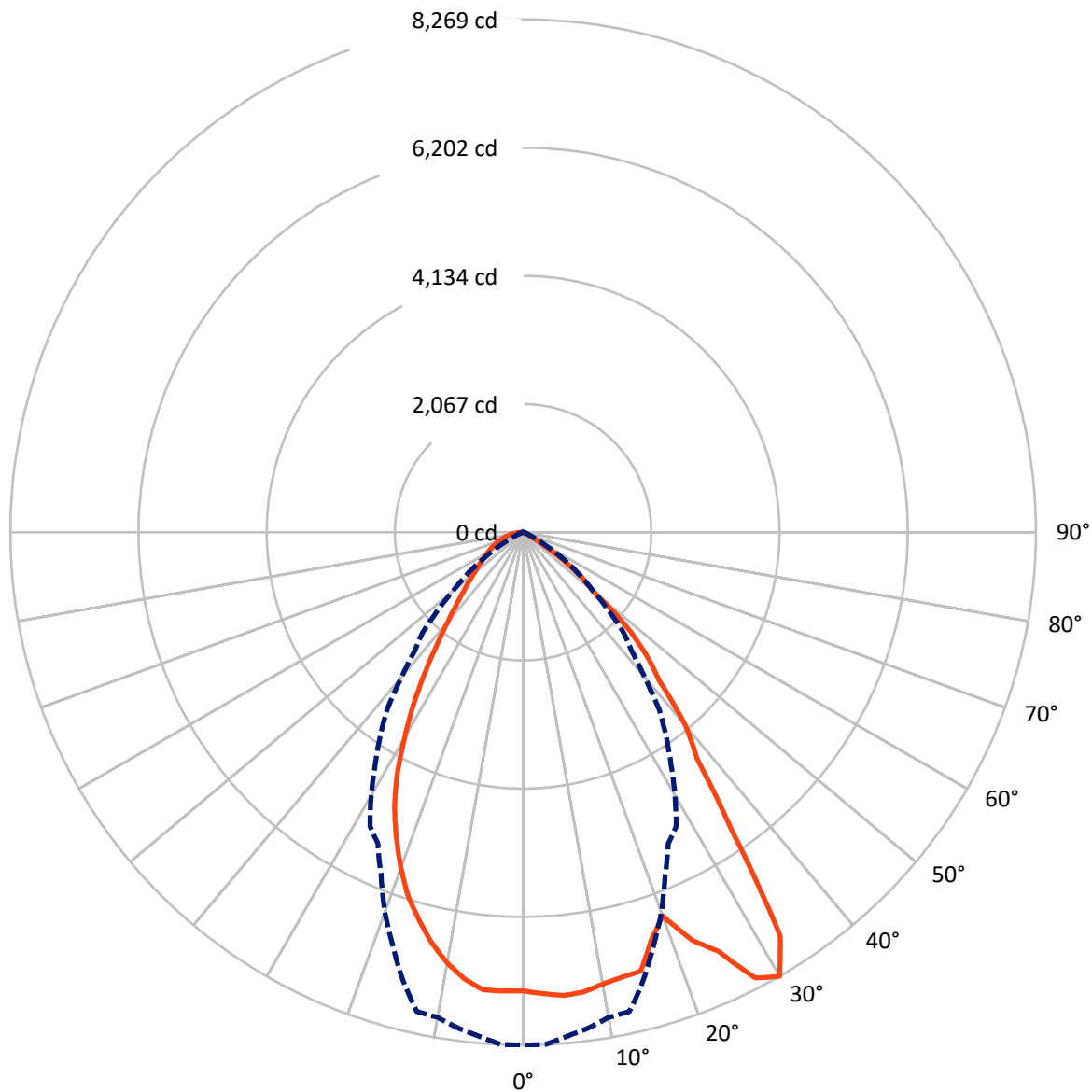
Lumen Table



REPORT NUMBER: P722659

CATALOG NUMBER: IFLD-S-SA2E-930-U-76-VI

Luminous Intensity Polar Plot



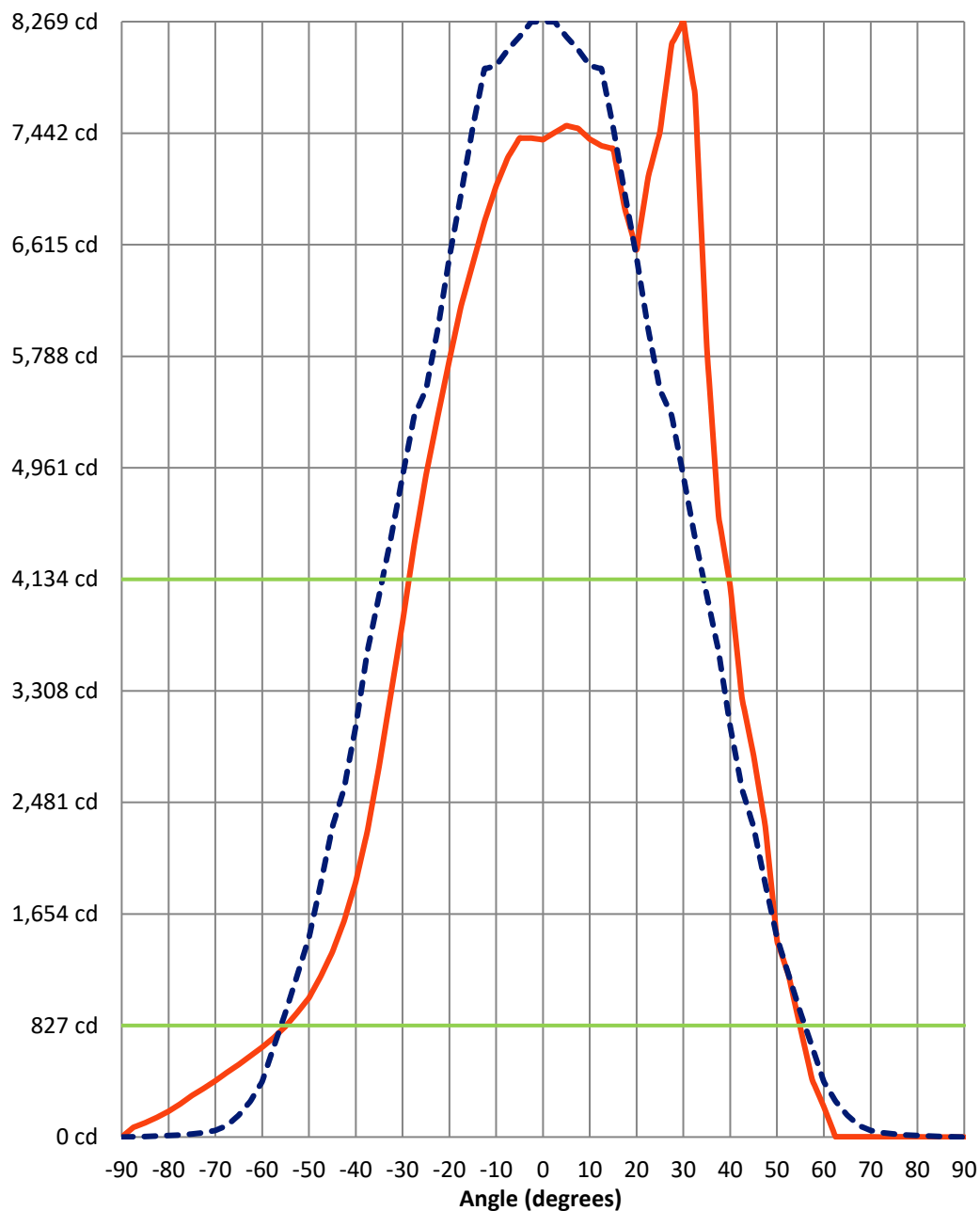
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

REPORT NUMBER: P722659

CATALOG NUMBER: IFLD-S-SA2E-930-U-76-VI

Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 7556.3

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 11166.8

Efficiency: 94.3%

Spill:

Lumens: 677.8

Efficiency: 5.7%

— Vertical Distribution through 0-Deg

- - - Horizontal Distribution through 30-Deg

REPORT NUMBER: P722659

CATALOG NUMBER: IFLD-S-SA2E-930-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	1.9	1.9	1.9	1.9	1.9	1.9	1.9
85°	0.0	1.9	1.9	1.9	3.8	3.8	3.8	3.8	3.8	3.8	5.7
82.5°	0.0	1.9	1.9	1.9	3.8	3.8	3.8	3.8	5.7	5.7	7.5
80°	1.9	1.9	1.9	1.9	3.8	3.8	3.8	5.7	5.7	7.5	7.5
77.5°	1.9	1.9	1.9	3.8	3.8	3.8	5.7	5.7	7.5	7.5	9.4
75°	1.9	1.9	1.9	3.8	3.8	5.7	5.7	5.7	7.5	7.5	9.4
72.5°	0.0	1.9	1.9	3.8	3.8	5.7	5.7	5.7	7.5	7.5	7.5
70°	1.9	1.9	1.9	3.8	3.8	5.7	5.7	5.7	7.5	7.5	7.5
67.5°	1.9	1.9	1.9	3.8	3.8	5.7	5.7	7.5	7.5	7.5	9.4
65°	1.9	1.9	1.9	3.8	5.7	5.7	7.5	9.4	9.4	11.3	13.2
62.5°	1.9	3.8	3.8	5.7	7.5	9.4	20.7	32.1	32.1	22.6	18.9
60°	224.4	243.3	241.4	218.7	190.5	160.3	154.6	149.0	137.7	120.7	126.3
57.5°	426.2	448.8	458.2	452.6	437.5	411.1	396.0	379.0	356.4	330.0	299.8
55°	807.1	816.5	795.8	756.2	712.8	669.4	654.3	631.7	597.8	563.8	518.6
52.5°	1193.7	1225.7	1216.3	1176.7	1118.2	1040.9	956.1	890.1	850.5	812.7	767.5
50°	1457.7	1470.9	1497.3	1544.4	1561.4	1508.6	1370.9	1193.7	1067.3	1131.4	1082.4
47.5°	2300.6	2366.6	2353.4	2319.4	2262.8	2119.5	1927.2	1768.8	1636.8	1593.4	1601.0
45°	2826.7	2853.1	2843.6	2828.6	2802.2	2668.3	2455.2	2211.9	2089.4	2040.3	1989.4
42.5°	3258.5	3286.8	3292.4	3294.3	3266.0	3143.5	2951.1	2707.9	2585.3	2443.9	2332.6
40°	4082.6	4124.0	4076.9	4014.7	3920.4	3780.8	3592.3	3367.9	3151.0	2977.5	2845.5
37.5°	4608.7	4659.6	4678.4	4674.7	4653.9	4593.6	4361.6	4148.6	3816.7	3428.2	3498.0
35°	5857.0	5909.8	5894.7	5838.1	5808.0	5743.9	5517.6	5264.9	4848.2	4425.8	4312.6
32.5°	7718.2	7833.2	7618.3	7382.5	7237.3	7288.3	7058.2	6439.7	6247.3	5485.5	5132.9
30°	8268.8	8266.9	8157.6	8061.4	7942.6	7918.1	7484.4	6990.3	6518.9	5985.2	5540.2
27.5°	8101.0	8067.1	7974.7	7904.9	7793.6	7735.2	7310.9	6918.7	6373.7	5896.6	5466.7
25°	7454.2	7480.6	7386.3	7373.1	7329.7	7216.6	7005.4	6564.1	6077.6	5549.6	5240.4
22.5°	7120.4	7111.0	6997.9	6931.9	6984.7	6864.0	6779.1	6334.1	5826.8	5381.8	5010.3
20°	6577.3	6579.2	6550.9	6545.3	6513.2	6458.5	6390.7	6075.7	5717.5	5336.5	4889.6
17.5°	6880.9	6958.3	6992.2	6711.2	6790.4	6728.2	6656.5	6217.2	5947.5	5610.0	5027.3
15°	7326.0	7297.7	7263.7	7248.7	7205.3	7146.8	7016.7	6666.0	6202.1	5853.2	5398.8
12.5°	7348.6	7293.9	7280.7	7278.8	7233.6	7152.5	7026.1	6735.7	6324.7	5900.4	5530.8
10°	7397.6	7341.1	7333.5	7342.9	7273.2	7222.3	7095.9	6826.3	6362.4	5981.5	5632.6
7.5°	7476.8	7382.5	7425.9	7397.6	7365.6	7284.5	7148.7	6884.7	6500.0	6088.9	5723.1
5°	7497.6	7393.9	7441.0	7414.6	7367.5	7288.3	7141.2	6922.4	6584.9	6132.3	5758.9
2.5°	7446.7	7416.5	7395.7	7346.7	7326.0	7239.2	7099.7	6865.9	6545.3	6113.5	5751.4
0°	7393.9	7420.3	7373.1	7324.1	7314.7	7244.9	7126.1	6914.9	6637.7	6166.3	5815.5
-2.5°	7405.2	7384.4	7352.4	7301.5	7252.4	7152.5	7045.0	6847.0	6549.1	6051.2	5725.0
-5°	7405.2	7309.0	7312.8	7314.7	7265.6	7161.9	7031.8	6864.0	6496.3	6049.3	5698.6
-7.5°	7261.9	7178.9	7165.7	7154.4	7141.2	7045.0	6943.2	6733.9	6407.6	6000.3	5625.1
-10°	7050.7	6969.6	6977.1	6960.1	6918.7	6854.5	6777.2	6588.7	6320.9	5845.7	5476.1
-12.5°	6786.7	6750.8	6730.1	6701.8	6660.3	6603.7	6524.5	6347.3	6060.7	5655.2	5304.5
-15°	6473.6	6447.2	6428.4	6411.4	6351.1	6292.6	6188.9	6024.8	5845.7	5410.1	5051.8
-17.5°	6160.6	6094.6	6068.2	6045.6	6006.0	5911.7	5817.4	5694.8	5444.0	5098.9	4791.6
-20°	5758.9	5719.3	5687.3	5657.1	5600.5	5527.0	5449.7	5308.3	5091.4	4812.3	4493.6

REPORT NUMBER: P722659

CATALOG NUMBER: IFLD-S-SA2E-930-U-76-VI

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	5338.4	5315.8	5289.4	5251.7	5214.0	5144.2	5036.7	4901.0	4731.2	4429.5	4131.6
-25°	4904.7	4861.4	4829.3	4793.5	4763.3	4699.2	4595.5	4465.4	4252.3	3992.0	3743.1
-27.5°	4393.7	4352.2	4335.2	4293.8	4267.4	4208.9	4105.2	3984.5	3792.2	3573.4	3320.7
-30°	3816.7	3824.2	3805.4	3765.8	3733.7	3658.3	3579.1	3477.2	3326.4	3117.1	2890.8
-32.5°	3283.0	3292.4	3269.8	3228.3	3186.8	3132.2	3058.6	2966.2	2853.1	2653.2	2457.1
-35°	2749.4	2745.6	2726.7	2702.2	2673.9	2628.7	2545.7	2475.9	2345.8	2206.3	2070.5
-37.5°	2270.4	2279.8	2274.2	2261.0	2228.9	2191.2	2123.3	2059.2	1963.0	1840.4	1734.8
-40°	1891.4	1902.7	1895.1	1881.9	1853.6	1831.0	1785.8	1729.2	1651.9	1546.3	1457.7
-42.5°	1601.0	1608.5	1599.1	1587.8	1563.3	1546.3	1510.5	1463.3	1399.2	1318.1	1238.9
-45°	1370.9	1372.8	1363.4	1355.8	1337.0	1316.2	1286.1	1248.3	1197.4	1140.9	1076.7
-47.5°	1189.9	1188.0	1178.6	1171.0	1155.9	1137.1	1112.6	1078.6	1039.0	995.7	944.7
-50°	1031.5	1040.9	1037.1	1029.6	1018.3	1005.1	980.6	944.7	905.1	873.1	837.3
-52.5°	922.1	924.0	922.1	922.1	920.2	910.8	882.5	846.7	803.3	775.0	744.9
-55°	820.3	829.7	833.5	837.3	839.1	839.1	805.2	767.5	726.0	697.7	675.1
-57.5°	737.3	743.0	746.7	756.2	763.7	769.4	739.2	705.3	673.2	646.8	626.1
-60°	665.7	673.2	678.9	688.3	693.9	697.7	678.9	656.2	637.4	620.4	590.2
-62.5°	601.5	607.2	612.9	618.5	624.2	627.9	620.4	609.1	599.7	592.1	554.4
-65°	537.4	543.1	548.7	556.3	561.9	565.7	563.8	556.3	548.7	541.2	507.3
-67.5°	479.0	484.6	492.2	494.1	497.8	499.7	495.9	490.3	480.9	471.4	445.0
-70°	416.7	420.5	424.3	424.3	424.3	422.4	418.6	411.1	401.7	388.5	367.7
-72.5°	360.2	363.9	367.7	362.1	358.3	352.6	347.0	337.5	328.1	318.7	307.4
-75°	307.4	309.3	309.3	301.7	296.1	290.4	282.9	277.2	267.8	260.2	250.8
-77.5°	245.1	245.1	245.1	239.5	235.7	231.9	226.3	220.6	213.1	207.4	199.9
-80°	190.5	190.5	190.5	188.6	182.9	179.1	175.4	171.6	165.9	162.2	158.4
-82.5°	145.2	145.2	145.2	143.3	139.5	137.7	133.9	130.1	128.2	124.5	122.6
-85°	105.6	107.5	107.5	105.6	103.7	99.9	98.1	96.2	94.3	92.4	88.6
-87.5°	71.7	71.7	71.7	69.8	67.9	67.9	66.0	62.2	58.5	56.6	54.7
-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: P722659

CATALOG NUMBER: IFLD-S-SA2E-930-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°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
85°	5.7	5.7	5.7	7.5	7.5	7.5	7.5	7.5	7.5	7.5	5.7
82.5°	9.4	9.4	11.3	11.3	13.2	13.2	13.2	13.2	13.2	13.2	13.2
80°	9.4	11.3	13.2	15.1	17.0	18.9	18.9	18.9	18.9	17.0	17.0
77.5°	11.3	11.3	13.2	15.1	17.0	18.9	20.7	22.6	20.7	20.7	20.7
75°	11.3	13.2	13.2	15.1	17.0	18.9	20.7	22.6	22.6	22.6	22.6
72.5°	9.4	11.3	13.2	15.1	15.1	17.0	18.9	18.9	20.7	20.7	22.6
70°	9.4	11.3	13.2	13.2	15.1	15.1	17.0	18.9	18.9	20.7	20.7
67.5°	11.3	13.2	13.2	15.1	17.0	17.0	17.0	18.9	18.9	20.7	20.7
65°	13.2	15.1	15.1	17.0	18.9	18.9	20.7	20.7	20.7	22.6	22.6
62.5°	22.6	22.6	22.6	20.7	22.6	22.6	22.6	24.5	24.5	22.6	24.5
60°	116.9	84.9	58.5	73.5	66.0	30.2	30.2	30.2	28.3	28.3	26.4
57.5°	275.3	256.5	220.6	186.7	167.8	149.0	92.4	37.7	37.7	33.9	30.2
55°	460.1	397.9	371.5	326.2	277.2	254.6	211.2	143.3	67.9	45.3	39.6
52.5°	712.8	654.3	586.5	494.1	428.1	375.3	339.4	269.7	181.0	96.2	60.3
50°	954.2	927.8	886.3	795.8	658.1	569.5	511.0	431.8	324.3	198.0	113.1
47.5°	1536.9	1316.2	1182.3	1112.6	997.5	829.7	716.6	627.9	497.8	333.8	199.9
45°	1934.7	1795.2	1582.1	1435.0	1265.3	1088.1	941.0	839.1	684.5	499.7	313.0
42.5°	2276.0	2155.4	1963.0	1748.0	1568.9	1337.0	1148.4	1014.5	884.4	682.6	467.7
40°	2715.4	2572.1	2387.3	2178.0	1968.7	1672.6	1367.1	1205.0	1061.7	882.5	631.7
37.5°	3439.5	3186.8	2885.1	2653.2	2379.8	2129.0	1710.3	1423.7	1254.0	1067.3	824.1
35°	4310.7	4033.5	3530.0	3222.7	2856.8	2483.5	2106.3	1682.1	1440.7	1242.7	1001.3
32.5°	5121.6	4716.2	4071.2	3711.1	3467.8	2779.5	2389.2	2021.5	1633.0	1389.8	1103.1
30°	5346.0	4899.1	4437.1	4016.6	3601.7	3045.4	2583.4	2296.8	1874.4	1478.4	1199.3
27.5°	5119.7	4812.3	4454.0	4063.7	3614.9	3137.8	2702.2	2428.8	2051.6	1538.7	1274.7
25°	4889.6	4569.1	4318.3	3992.0	3577.2	3132.2	2706.0	2511.8	2189.3	1655.7	1316.2
22.5°	4646.4	4446.5	4239.1	3875.1	3482.9	3149.1	2828.6	2583.4	2261.0	1787.6	1333.2
20°	4659.6	4529.5	4301.3	3814.8	3465.9	3249.1	2975.6	2673.9	2338.3	1902.7	1346.4
17.5°	4870.8	4701.1	4414.4	3992.0	3618.7	3350.9	3098.2	2798.4	2417.5	2004.5	1506.7
15°	5131.0	4872.7	4572.8	4201.4	3779.0	3462.2	3192.5	2885.1	2508.0	2098.8	1650.0
12.5°	5319.6	4951.9	4670.9	4335.2	3952.4	3582.8	3254.7	2951.1	2592.8	2176.1	1757.5
10°	5383.7	5049.9	4718.0	4418.2	4041.1	3647.0	3301.9	2992.6	2666.4	2236.4	1836.7
7.5°	5417.6	5134.8	4750.1	4455.9	4093.9	3686.6	3339.6	3015.2	2724.8	2277.9	1887.6
5°	5413.9	5180.0	4774.6	4467.2	4122.2	3703.5	3366.0	3020.9	2766.3	2313.8	1917.8
2.5°	5396.9	5210.2	4814.2	4486.1	4178.7	3735.6	3416.9	3032.2	2781.4	2353.4	1938.5
0°	5459.1	5212.1	4855.7	4491.8	4216.4	3746.9	3439.5	3022.8	2760.7	2364.7	1936.6
-2.5°	5325.2	5100.8	4846.3	4442.7	4165.5	3720.5	3398.0	2992.6	2715.4	2351.5	1929.1
-5°	5302.6	5019.8	4767.1	4397.5	4080.7	3665.8	3320.7	2936.0	2643.8	2308.1	1898.9
-7.5°	5242.3	4942.4	4689.8	4361.6	4001.5	3609.2	3247.2	2877.6	2566.4	2240.2	1855.5
-10°	5110.3	4823.6	4606.8	4284.3	3905.3	3528.2	3158.6	2800.3	2475.9	2147.8	1787.6
-12.5°	4921.7	4635.1	4420.1	4120.3	3784.6	3418.8	3053.0	2700.3	2372.2	2049.8	1706.6
-15°	4708.6	4418.2	4203.2	3929.8	3605.5	3249.1	2919.1	2574.0	2253.4	1946.0	1610.4
-17.5°	4467.2	4191.9	3984.5	3718.6	3396.2	3056.7	2728.6	2415.6	2115.8	1838.6	1499.1
-20°	4188.2	3920.4	3729.9	3464.0	3168.0	2838.0	2519.3	2223.2	1953.6	1693.4	1376.6

REPORT NUMBER: P722659

CATALOG NUMBER: IFLD-S-SA2E-930-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°	3843.1	3607.4	3390.5	3152.9	2894.6	2592.8	2296.8	2034.7	1776.3	1521.8	1250.2
-25°	3490.4	3262.3	3051.1	2834.2	2587.2	2327.0	2074.3	1836.7	1584.0	1353.9	1127.7
-27.5°	3098.2	2894.6	2706.0	2506.1	2279.8	2055.4	1848.0	1616.1	1397.3	1201.2	1007.0
-30°	2679.6	2513.6	2349.6	2172.3	1989.4	1800.8	1616.1	1397.3	1225.7	1069.2	905.1
-32.5°	2277.9	2129.0	1997.0	1865.0	1706.6	1551.9	1387.9	1225.7	1082.4	944.7	807.1
-35°	1925.3	1766.9	1693.4	1587.8	1461.4	1321.9	1188.0	1074.9	959.8	835.4	712.8
-37.5°	1619.8	1518.0	1431.3	1352.1	1252.1	1131.4	1035.3	942.9	846.7	733.5	627.9
-40°	1380.3	1306.8	1220.1	1161.6	1080.5	993.8	897.6	820.3	739.2	646.8	560.1
-42.5°	1188.0	1127.7	1071.1	1008.9	948.5	875.0	792.0	718.5	644.9	577.0	505.4
-45°	1029.6	986.2	941.0	890.1	837.3	773.1	705.3	629.8	577.0	516.7	456.3
-47.5°	899.5	867.4	829.7	790.1	744.9	688.3	626.1	571.4	516.7	465.8	407.3
-50°	795.8	765.6	735.4	701.5	661.9	612.9	565.7	514.8	463.9	414.9	360.2
-52.5°	709.0	682.6	658.1	629.8	592.1	550.6	507.3	462.0	414.9	365.8	322.5
-55°	648.7	618.5	594.0	565.7	531.8	492.2	452.6	411.1	365.8	328.1	292.3
-57.5°	599.7	565.7	537.4	507.3	473.3	439.4	403.5	365.8	331.9	296.1	262.1
-60°	558.2	518.6	486.5	456.3	424.3	392.2	362.1	330.0	297.9	265.9	231.9
-62.5°	514.8	473.3	433.7	405.4	380.9	352.6	326.2	296.1	267.8	235.7	211.2
-65°	465.8	426.2	388.5	363.9	341.3	316.8	292.3	265.9	241.4	216.9	194.2
-67.5°	411.1	377.1	350.7	328.1	305.5	284.7	262.1	239.5	218.7	194.2	171.6
-70°	345.1	326.2	311.1	294.2	273.4	254.6	233.8	213.1	190.5	169.7	149.0
-72.5°	294.2	282.9	271.5	254.6	235.7	218.7	201.8	182.9	164.1	145.2	128.2
-75°	241.4	231.9	222.5	211.2	196.1	182.9	167.8	150.9	135.8	122.6	109.4
-77.5°	194.2	186.7	181.0	171.6	160.3	149.0	139.5	128.2	116.9	103.7	90.5
-80°	154.6	150.9	149.0	145.2	135.8	126.3	118.8	109.4	98.1	88.6	79.2
-82.5°	120.7	120.7	118.8	116.9	109.4	101.8	96.2	88.6	81.1	73.5	64.1
-85°	88.6	86.7	86.7	84.9	79.2	75.4	69.8	66.0	60.3	52.8	49.0
-87.5°	52.8	50.9	49.0	47.1	43.4	41.5	37.7	35.8	32.1	28.3	26.4
-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: P722659

CATALOG NUMBER: IFLD-S-SA2E-930-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°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	0.0	0.0
85°	5.7	3.8	3.8	3.8	3.8	3.8	1.9	1.9	1.9	1.9	1.9
82.5°	11.3	11.3	9.4	9.4	7.5	5.7	3.8	3.8	3.8	1.9	1.9
80°	17.0	17.0	17.0	15.1	13.2	9.4	7.5	5.7	3.8	1.9	1.9
77.5°	20.7	18.9	18.9	17.0	17.0	15.1	11.3	9.4	5.7	3.8	1.9
75°	20.7	20.7	20.7	18.9	18.9	17.0	15.1	11.3	9.4	5.7	3.8
72.5°	22.6	20.7	20.7	20.7	18.9	17.0	15.1	13.2	11.3	7.5	3.8
70°	20.7	20.7	20.7	20.7	18.9	18.9	15.1	13.2	13.2	7.5	5.7
67.5°	20.7	20.7	20.7	18.9	18.9	17.0	15.1	13.2	13.2	9.4	5.7
65°	22.6	20.7	20.7	20.7	18.9	17.0	15.1	13.2	13.2	11.3	7.5
62.5°	24.5	22.6	22.6	20.7	18.9	17.0	15.1	13.2	13.2	11.3	7.5
60°	26.4	24.5	22.6	22.6	20.7	18.9	15.1	15.1	13.2	11.3	7.5
57.5°	28.3	26.4	26.4	24.5	22.6	20.7	17.0	15.1	13.2	11.3	9.4
55°	33.9	30.2	28.3	28.3	26.4	22.6	18.9	15.1	13.2	11.3	9.4
52.5°	45.3	35.8	32.1	32.1	30.2	26.4	20.7	17.0	13.2	11.3	9.4
50°	71.7	45.3	37.7	33.9	33.9	30.2	24.5	18.9	13.2	11.3	9.4
47.5°	113.1	75.4	45.3	39.6	37.7	35.8	28.3	18.9	15.1	11.3	9.4
45°	186.7	111.3	73.5	47.1	39.6	37.7	32.1	20.7	15.1	13.2	9.4
42.5°	256.5	173.5	113.1	56.6	47.1	41.5	33.9	22.6	17.0	13.2	9.4
40°	403.5	237.6	158.4	92.4	54.7	43.4	37.7	26.4	17.0	13.2	9.4
37.5°	546.9	314.9	213.1	135.8	62.2	49.0	39.6	28.3	18.9	13.2	11.3
35°	690.2	441.3	264.0	181.0	83.0	58.5	41.5	30.2	18.9	13.2	11.3
32.5°	818.4	560.1	316.8	226.3	124.5	69.8	45.3	32.1	20.7	15.1	11.3
30°	924.0	669.4	411.1	265.9	162.2	84.9	49.0	32.1	22.6	15.1	11.3
27.5°	1003.2	754.3	507.3	307.4	194.2	99.9	56.6	35.8	22.6	15.1	11.3
25°	1067.3	820.3	592.1	350.7	222.5	124.5	67.9	37.7	24.5	17.0	11.3
22.5°	1118.2	875.0	661.9	409.2	256.5	149.0	83.0	41.5	24.5	17.0	11.3
20°	1188.0	929.7	709.0	471.4	292.3	171.6	96.2	45.3	24.5	17.0	13.2
17.5°	1248.3	984.3	746.7	524.2	328.1	188.6	111.3	49.0	26.4	17.0	13.2
15°	1318.1	1037.1	780.7	565.7	362.1	203.7	124.5	52.8	26.4	18.9	13.2
12.5°	1393.5	1086.2	805.2	599.7	397.9	216.9	135.8	60.3	28.3	18.9	13.2
10°	1470.9	1127.7	825.9	624.2	424.3	230.1	143.3	67.9	30.2	18.9	13.2
7.5°	1548.2	1165.4	852.3	635.5	435.6	245.1	147.1	75.4	30.2	20.7	13.2
5°	1601.0	1189.9	890.1	643.0	441.3	262.1	152.7	84.9	32.1	20.7	13.2
2.5°	1646.2	1205.0	929.7	648.7	443.1	271.5	150.9	90.5	33.9	20.7	13.2
0°	1667.0	1205.0	956.1	644.9	437.5	281.0	150.9	96.2	33.9	20.7	13.2
-2.5°	1634.9	1238.9	948.5	646.8	439.4	281.0	158.4	98.1	37.7	22.6	13.2
-5°	1584.0	1252.1	925.9	637.4	435.6	281.0	167.8	99.9	39.6	22.6	15.1
-7.5°	1535.0	1257.8	899.5	627.9	429.9	273.4	169.7	98.1	43.4	24.5	15.1
-10°	1470.9	1195.5	865.5	611.0	418.6	267.8	173.5	98.1	45.3	24.5	15.1
-12.5°	1397.3	1120.1	824.1	586.5	405.4	262.1	175.4	98.1	47.1	26.4	15.1
-15°	1312.5	1042.8	776.9	560.1	386.6	254.6	171.6	96.2	49.0	26.4	17.0
-17.5°	1216.3	967.4	727.9	528.0	365.8	245.1	164.1	94.3	49.0	26.4	17.0
-20°	1106.9	891.9	673.2	495.9	341.3	233.8	156.5	90.5	49.0	26.4	17.0

REPORT NUMBER: P722659

CATALOG NUMBER: IFLD-S-SA2E-930-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1008.9	822.2	616.6	460.1	314.9	220.6	147.1	86.7	49.0	28.3	17.0
-25°	927.8	754.3	573.3	424.3	286.6	205.5	137.7	83.0	49.0	28.3	17.0
-27.5°	842.9	680.7	528.0	390.3	267.8	192.3	128.2	79.2	47.1	28.3	17.0
-30°	756.2	609.1	480.9	352.6	248.9	179.1	120.7	73.5	47.1	28.3	17.0
-32.5°	677.0	550.6	437.5	314.9	228.2	165.9	113.1	71.7	45.3	28.3	17.0
-35°	599.7	497.8	392.2	284.7	205.5	152.7	105.6	69.8	45.3	28.3	17.0
-37.5°	535.5	448.8	350.7	264.0	192.3	141.4	98.1	66.0	43.4	28.3	17.0
-40°	482.7	403.5	311.1	241.4	181.0	130.1	90.5	64.1	43.4	28.3	17.0
-42.5°	433.7	360.2	286.6	222.5	169.7	122.6	84.9	62.2	41.5	28.3	17.0
-45°	390.3	322.5	262.1	205.5	156.5	113.1	81.1	58.5	39.6	28.3	18.9
-47.5°	347.0	296.1	239.5	190.5	143.3	101.8	77.3	56.6	37.7	26.4	18.9
-50°	313.0	267.8	220.6	173.5	130.1	98.1	73.5	52.8	37.7	26.4	18.9
-52.5°	282.9	241.4	199.9	156.5	118.8	92.4	69.8	49.0	35.8	26.4	18.9
-55°	254.6	216.9	179.1	139.5	111.3	86.7	64.1	45.3	35.8	26.4	18.9
-57.5°	226.3	194.2	158.4	126.3	101.8	81.1	60.3	45.3	35.8	26.4	18.9
-60°	203.7	173.5	143.3	116.9	94.3	73.5	54.7	43.4	33.9	26.4	18.9
-62.5°	184.8	156.5	130.1	105.6	86.7	66.0	52.8	43.4	33.9	26.4	17.0
-65°	165.9	141.4	116.9	96.2	77.3	62.2	50.9	41.5	33.9	26.4	17.0
-67.5°	147.1	124.5	105.6	84.9	71.7	60.3	49.0	41.5	32.1	24.5	17.0
-70°	128.2	109.4	92.4	79.2	67.9	56.6	47.1	39.6	32.1	22.6	15.1
-72.5°	113.1	96.2	83.0	73.5	64.1	54.7	45.3	37.7	30.2	20.7	13.2
-75°	96.2	84.9	75.4	66.0	58.5	50.9	43.4	33.9	26.4	18.9	13.2
-77.5°	81.1	73.5	66.0	60.3	52.8	45.3	37.7	30.2	24.5	17.0	11.3
-80°	69.8	64.1	58.5	52.8	47.1	39.6	33.9	26.4	20.7	15.1	9.4
-82.5°	56.6	52.8	47.1	43.4	39.6	33.9	28.3	22.6	15.1	11.3	7.5
-85°	43.4	39.6	37.7	33.9	30.2	24.5	18.9	15.1	11.3	7.5	3.8
-87.5°	22.6	20.7	18.9	17.0	15.1	11.3	9.4	7.5	5.7	3.8	1.9
-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: P722659

CATALOG NUMBER: IFLD-S-SA2E-930-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°	1.9	0.0	0.0	0.0
77.5°	1.9	0.0	0.0	0.0
75°	1.9	1.9	0.0	0.0
72.5°	1.9	1.9	0.0	0.0
70°	1.9	1.9	0.0	0.0
67.5°	3.8	1.9	0.0	0.0
65°	3.8	1.9	0.0	0.0
62.5°	3.8	1.9	0.0	0.0
60°	3.8	1.9	0.0	0.0
57.5°	5.7	1.9	1.9	0.0
55°	5.7	1.9	1.9	0.0
52.5°	5.7	1.9	1.9	0.0
50°	5.7	3.8	1.9	0.0
47.5°	5.7	3.8	1.9	0.0
45°	5.7	3.8	1.9	0.0
42.5°	5.7	3.8	1.9	0.0
40°	7.5	3.8	1.9	0.0
37.5°	7.5	3.8	1.9	0.0
35°	7.5	3.8	1.9	0.0
32.5°	7.5	3.8	1.9	0.0
30°	7.5	3.8	1.9	0.0
27.5°	7.5	5.7	1.9	0.0
25°	7.5	5.7	1.9	0.0
22.5°	9.4	5.7	1.9	0.0
20°	9.4	5.7	1.9	0.0
17.5°	9.4	5.7	1.9	0.0
15°	9.4	5.7	1.9	0.0
12.5°	9.4	5.7	1.9	0.0
10°	9.4	5.7	1.9	0.0
7.5°	9.4	5.7	1.9	0.0
5°	9.4	5.7	1.9	0.0
2.5°	9.4	5.7	1.9	0.0
0°	9.4	5.7	1.9	0.0
-2.5°	9.4	5.7	1.9	0.0
-5°	9.4	5.7	1.9	0.0
-7.5°	9.4	5.7	1.9	0.0
-10°	9.4	5.7	1.9	0.0
-12.5°	11.3	5.7	1.9	0.0
-15°	11.3	5.7	1.9	0.0
-17.5°	11.3	5.7	1.9	0.0
-20°	11.3	5.7	1.9	0.0



REPORT NUMBER: P722659

CATALOG NUMBER: IFLD-S-SA2E-930-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	11.3	5.7	1.9	0.0
-25°	11.3	5.7	1.9	0.0
-27.5°	11.3	5.7	1.9	0.0
-30°	11.3	5.7	1.9	0.0
-32.5°	11.3	5.7	1.9	0.0
-35°	11.3	5.7	1.9	0.0
-37.5°	11.3	5.7	1.9	0.0
-40°	11.3	5.7	1.9	0.0
-42.5°	9.4	5.7	1.9	0.0
-45°	11.3	5.7	1.9	0.0
-47.5°	11.3	5.7	1.9	0.0
-50°	11.3	5.7	1.9	0.0
-52.5°	11.3	5.7	1.9	0.0
-55°	11.3	5.7	1.9	0.0
-57.5°	11.3	5.7	1.9	0.0
-60°	11.3	5.7	1.9	0.0
-62.5°	9.4	5.7	1.9	0.0
-65°	9.4	3.8	1.9	0.0
-67.5°	9.4	3.8	1.9	0.0
-70°	9.4	3.8	1.9	0.0
-72.5°	7.5	3.8	1.9	0.0
-75°	7.5	3.8	1.9	0.0
-77.5°	5.7	1.9	0.0	0.0
-80°	5.7	1.9	0.0	0.0
-82.5°	3.8	1.9	0.0	0.0
-85°	1.9	1.9	0.0	0.0
-87.5°	1.9	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)