

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: P722662

Luminaire Tested: **IFLD-S-SA3C-930-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722662
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA3C-930-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (48) 3000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

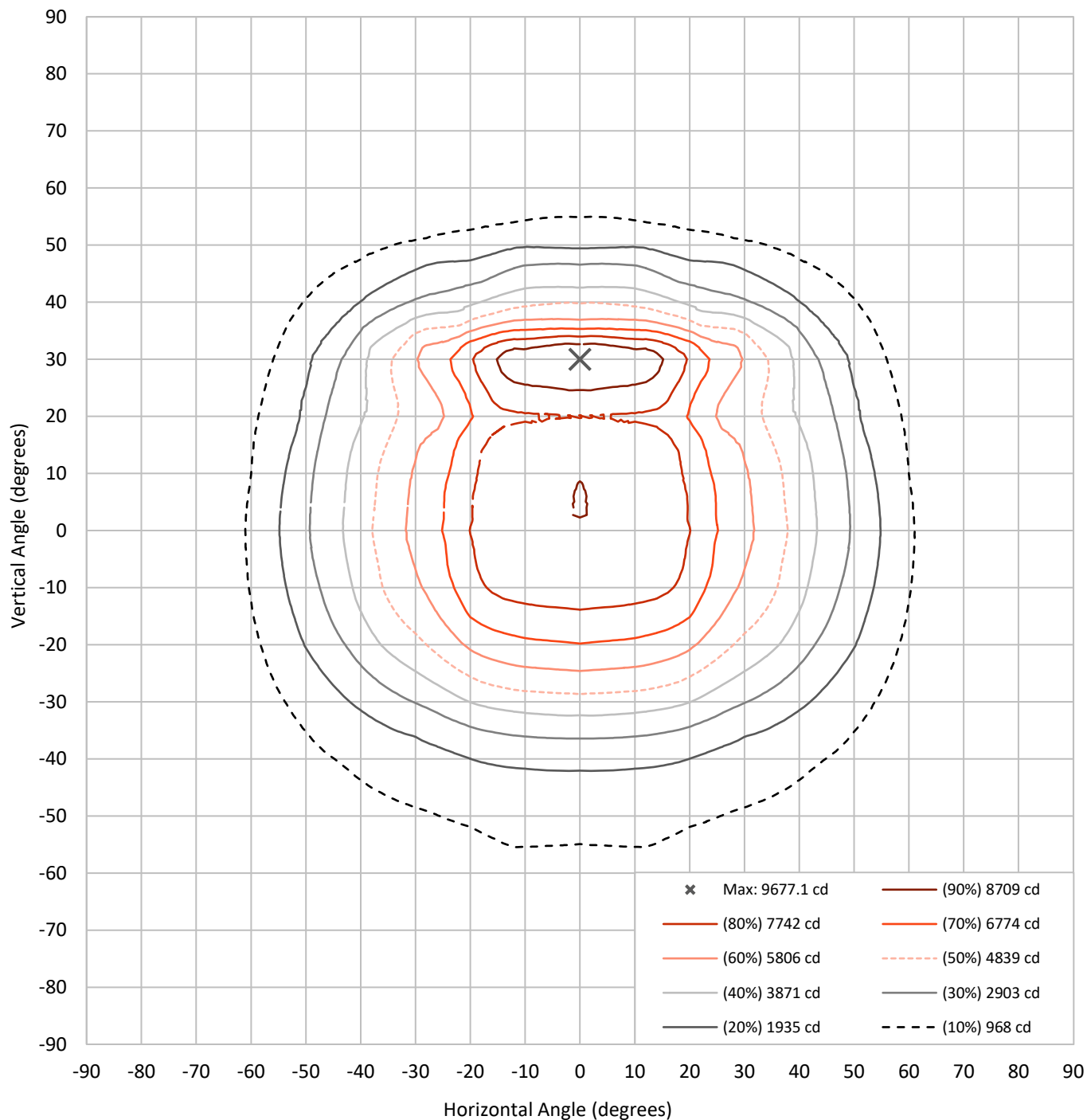
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	13861.9 lumens	Max Intensity:	9677.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	86.2 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	68.6°H x 68.4°V	Field Angle (10%):	111.9°H x 109.7°V
Beam Lumens:	8843.3 lumens	Field Lumens:	13068.6 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%
Input Watts (W):	160.8		
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: P722662

CATALOG NUMBER: IFLD-S-SA3C-930-U-76-VI

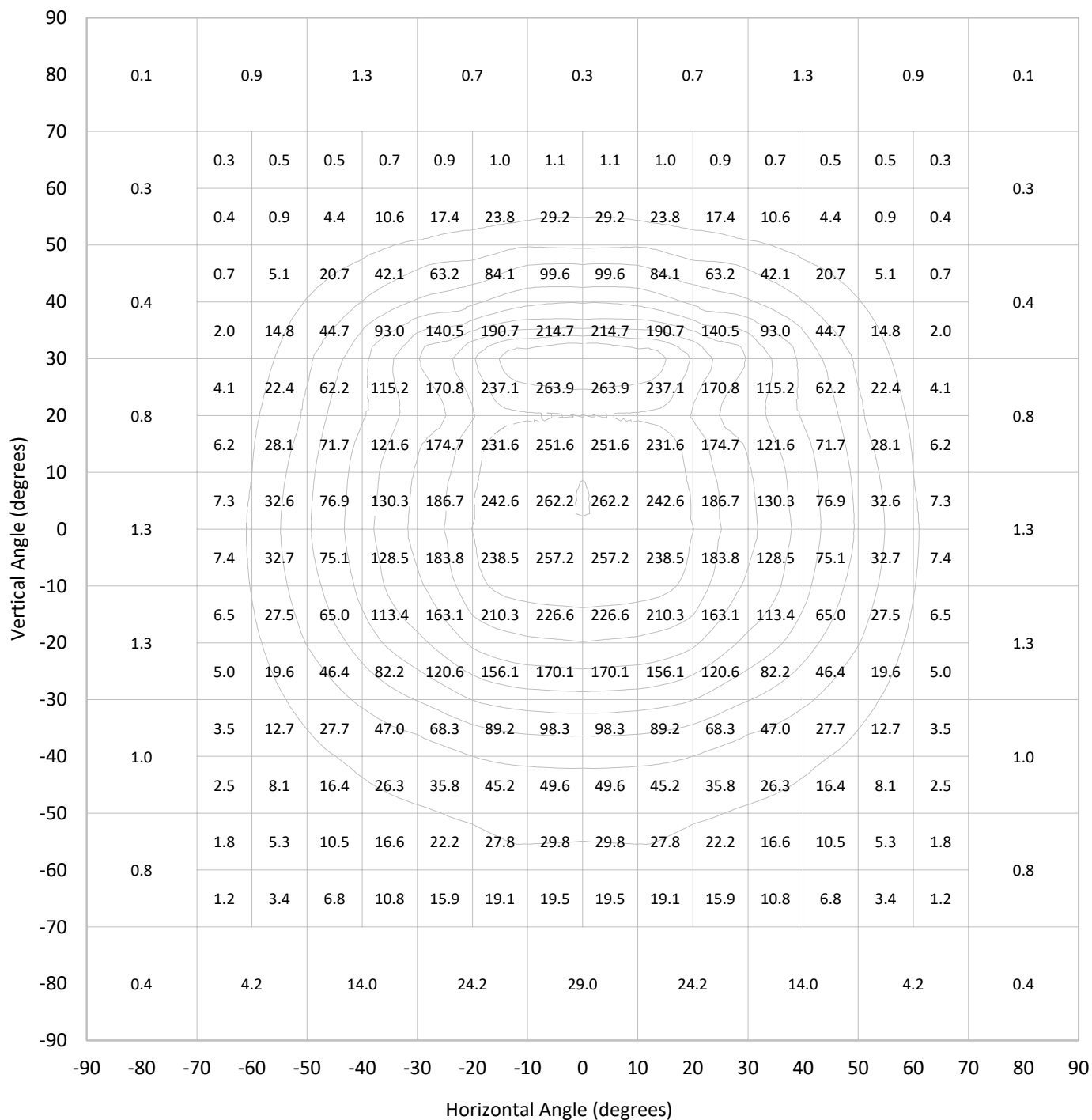
Iso-Candela Plot



REPORT NUMBER: P722662

CATALOG NUMBER: IFLD-S-SA3C-930-U-76-VI

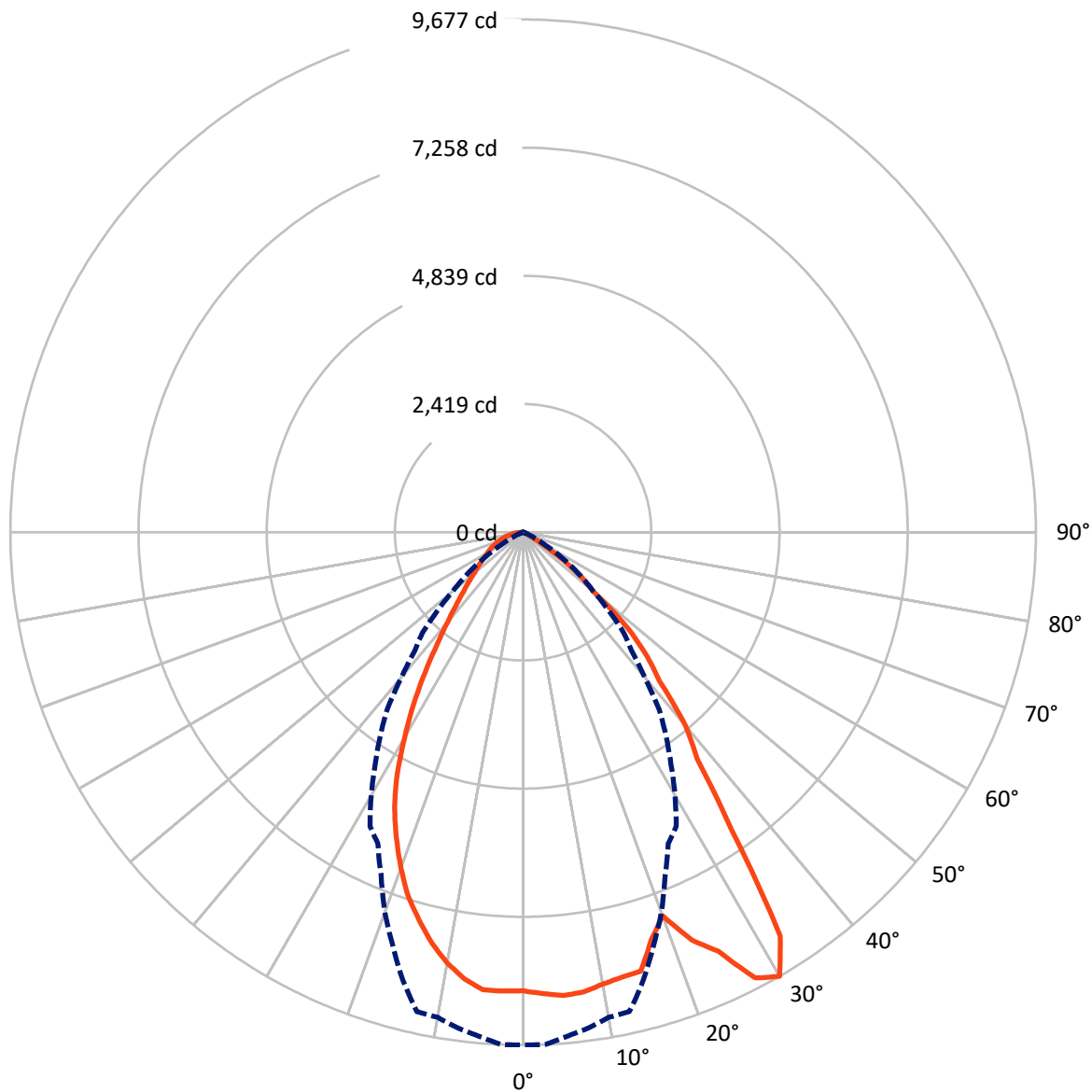
Lumen Table



REPORT NUMBER: P722662

CATALOG NUMBER: IFLD-S-SA3C-930-U-76-VI

Luminous Intensity Polar Plot



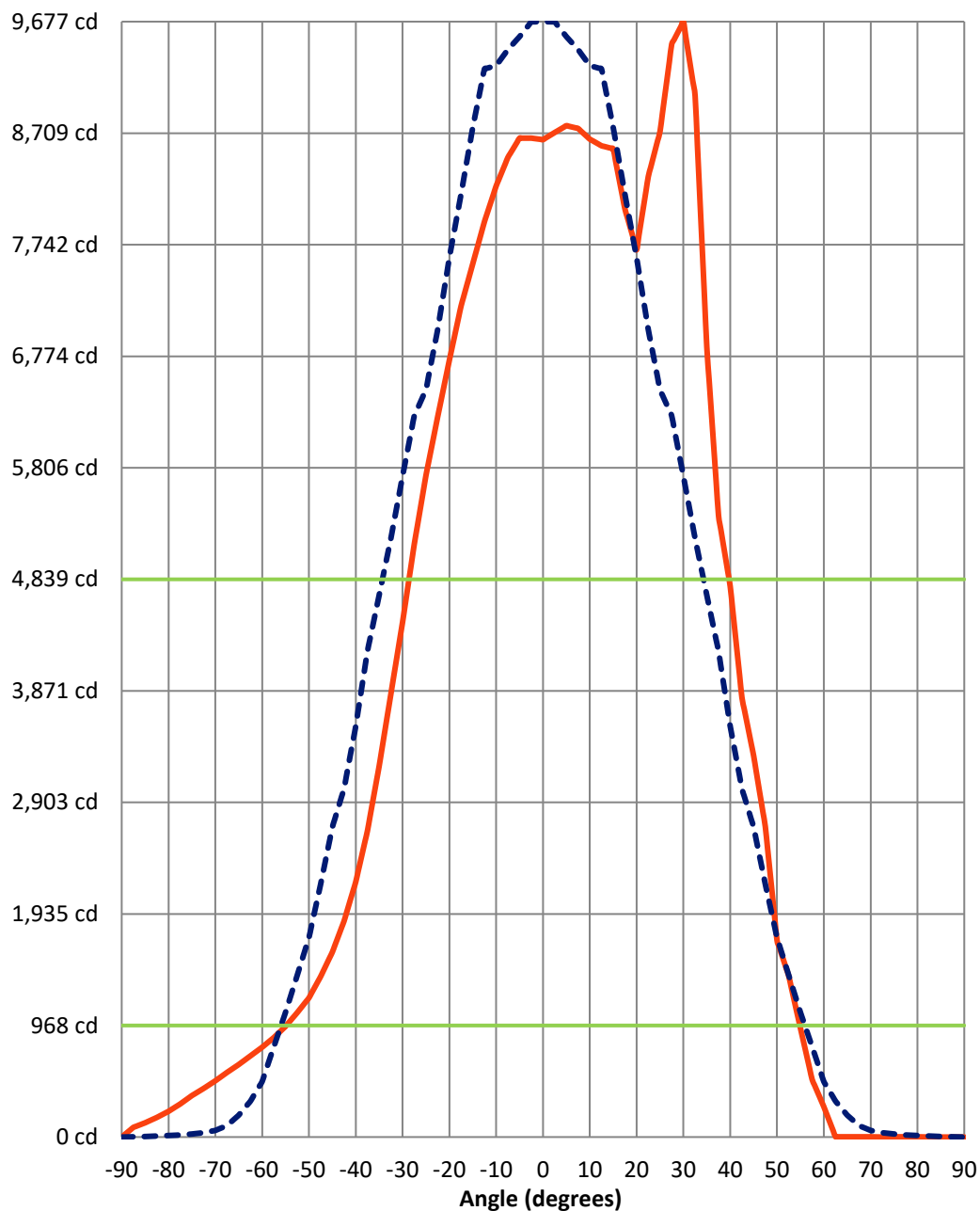
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

REPORT NUMBER: P722662

CATALOG NUMBER: IFLD-S-SA3C-930-U-76-VI

Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 8843.3

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 13068.6

Efficiency: 94.3%

Spill:

Lumens: 793.2

Efficiency: 5.7%

— Vertical Distribution through 0-Deg

- - - Horizontal Distribution through 30-Deg

REPORT NUMBER: P722662

CATALOG NUMBER: IFLD-S-SA3C-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	2.2	2.2	2.2	2.2	2.2	2.2	2.2
85°	0.0	2.2	2.2	2.2	4.4	4.4	4.4	4.4	4.4	4.4	6.6
82.5°	0.0	2.2	2.2	2.2	4.4	4.4	4.4	4.4	6.6	6.6	8.8
80°	2.2	2.2	2.2	2.2	4.4	4.4	4.4	6.6	6.6	8.8	8.8
77.5°	2.2	2.2	2.2	4.4	4.4	4.4	6.6	6.6	8.8	8.8	11.0
75°	2.2	2.2	2.2	4.4	4.4	6.6	6.6	6.6	8.8	8.8	11.0
72.5°	0.0	2.2	2.2	4.4	4.4	6.6	6.6	6.6	8.8	8.8	8.8
70°	2.2	2.2	2.2	4.4	4.4	6.6	6.6	6.6	8.8	8.8	8.8
67.5°	2.2	2.2	2.2	4.4	4.4	6.6	6.6	8.8	8.8	8.8	11.0
65°	2.2	2.2	2.2	4.4	6.6	6.6	8.8	11.0	11.0	13.2	15.4
62.5°	2.2	4.4	4.4	6.6	8.8	11.0	24.3	37.5	37.5	26.5	22.1
60°	262.6	284.7	282.5	256.0	222.9	187.6	181.0	174.3	161.1	141.2	147.9
57.5°	498.8	525.2	536.3	529.6	512.0	481.1	463.4	443.6	417.1	386.2	350.9
55°	944.5	955.6	931.3	885.0	834.2	783.4	765.8	739.3	699.6	659.9	606.9
52.5°	1397.0	1434.5	1423.4	1377.1	1308.7	1218.2	1118.9	1041.6	995.3	951.2	898.2
50°	1705.9	1721.4	1752.3	1807.4	1827.3	1765.5	1604.4	1397.0	1249.1	1324.1	1266.7
47.5°	2692.4	2769.6	2754.2	2714.5	2648.2	2480.5	2255.4	2070.0	1915.6	1864.8	1873.6
45°	3308.1	3339.0	3328.0	3310.3	3279.4	3122.7	2873.3	2588.7	2445.2	2387.8	2328.3
42.5°	3813.5	3846.6	3853.2	3855.4	3822.3	3678.9	3453.8	3169.1	3025.6	2860.1	2729.9
40°	4777.9	4826.4	4771.3	4698.4	4588.1	4424.8	4204.1	3941.5	3687.7	3484.7	3330.2
37.5°	5393.6	5453.2	5475.3	5470.8	5446.6	5375.9	5104.5	4855.1	4466.7	4012.1	4093.7
35°	6854.5	6916.3	6898.7	6832.5	6797.2	6722.1	6457.3	6161.6	5673.9	5179.5	5047.1
32.5°	9032.7	9167.3	8915.8	8639.9	8470.0	8529.6	8260.3	7536.5	7311.4	6419.8	6007.1
30°	9677.1	9674.9	9546.9	9434.4	9295.3	9266.7	8759.1	8180.9	7629.2	7004.6	6483.8
27.5°	9480.7	9441.0	9332.9	9251.2	9121.0	9052.6	8556.0	8097.0	7459.2	6900.9	6397.7
25°	8723.8	8754.7	8644.3	8628.9	8578.1	8445.7	8198.5	7682.1	7112.7	6494.8	6132.9
22.5°	8333.2	8322.1	8189.7	8112.5	8174.3	8033.0	7933.7	7412.9	6819.2	6298.4	5863.7
20°	7697.6	7699.8	7666.7	7660.1	7622.5	7558.5	7479.1	7110.5	6691.2	6245.4	5722.4
17.5°	8052.9	8143.4	8183.1	7854.3	7946.9	7874.1	7790.3	7276.1	6960.5	6565.4	5883.5
15°	8573.7	8540.6	8500.9	8483.2	8432.5	8364.0	8211.8	7801.3	7258.4	6850.1	6318.3
12.5°	8600.2	8536.2	8520.7	8518.5	8465.6	8370.7	8222.8	7882.9	7401.8	6905.3	6472.8
10°	8657.6	8591.4	8582.5	8593.6	8511.9	8452.3	8304.5	7988.9	7446.0	7000.2	6591.9
7.5°	8750.2	8639.9	8690.7	8657.6	8620.0	8525.1	8366.3	8057.3	7607.1	7126.0	6697.9
5°	8774.5	8653.1	8708.3	8677.4	8622.3	8529.6	8357.4	8101.4	7706.4	7176.7	6739.8
2.5°	8714.9	8679.6	8655.4	8598.0	8573.7	8472.2	8308.9	8035.2	7660.1	7154.7	6731.0
0°	8653.1	8684.0	8628.9	8571.5	8560.5	8478.8	8339.8	8092.6	7768.2	7216.5	6806.0
-2.5°	8666.4	8642.1	8604.6	8545.0	8487.6	8370.7	8244.9	8013.2	7664.5	7081.9	6700.1
-5°	8666.4	8553.8	8558.3	8560.5	8503.1	8381.7	8229.4	8033.0	7602.7	7079.6	6669.2
-7.5°	8498.7	8401.6	8386.1	8372.9	8357.4	8244.9	8125.7	7880.7	7499.0	7022.3	6583.1
-10°	8251.5	8156.6	8165.4	8145.6	8097.0	8022.0	7931.5	7710.8	7397.4	6841.3	6408.8
-12.5°	7942.5	7900.6	7876.3	7843.2	7794.7	7728.5	7635.8	7428.3	7092.9	6618.4	6207.9
-15°	7576.2	7545.3	7523.2	7503.4	7432.7	7364.3	7243.0	7051.0	6841.3	6331.5	5912.2
-17.5°	7209.9	7132.6	7101.7	7075.2	7028.9	6918.5	6808.2	6664.8	6371.2	5967.4	5607.7
-20°	6739.8	6693.4	6655.9	6620.6	6554.4	6468.3	6377.9	6212.3	5958.6	5631.9	5259.0

REPORT NUMBER: P722662

CATALOG NUMBER: IFLD-S-SA3C-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°	6247.7	6221.2	6190.3	6146.1	6102.0	6020.3	5894.6	5735.7	5537.0	5183.9	4835.3
-25°	5740.1	5689.3	5651.8	5609.9	5574.6	5499.5	5378.1	5225.9	4976.5	4671.9	4380.6
-27.5°	5142.0	5093.5	5073.6	5025.0	4994.2	4925.7	4804.4	4663.1	4438.0	4182.0	3886.3
-30°	4466.7	4475.5	4453.5	4407.1	4369.6	4281.3	4188.6	4069.5	3892.9	3648.0	3383.1
-32.5°	3842.2	3853.2	3826.7	3778.2	3729.6	3665.6	3579.5	3471.4	3339.0	3105.1	2875.6
-35°	3217.6	3213.2	3191.1	3162.4	3129.3	3076.4	2979.3	2897.6	2745.3	2582.0	2423.1
-37.5°	2657.1	2668.1	2661.5	2646.0	2608.5	2564.4	2484.9	2409.9	2297.4	2153.9	2030.3
-40°	2213.5	2226.7	2217.9	2202.5	2169.4	2142.9	2089.9	2023.7	1933.2	1809.6	1705.9
-42.5°	1873.6	1882.5	1871.4	1858.2	1829.5	1809.6	1767.7	1712.5	1637.5	1542.6	1449.9
-45°	1604.4	1606.6	1595.6	1586.7	1564.7	1540.4	1505.1	1460.9	1401.4	1335.2	1260.1
-47.5°	1392.5	1390.3	1379.3	1370.5	1352.8	1330.7	1302.1	1262.3	1216.0	1165.2	1105.6
-50°	1207.2	1218.2	1213.8	1205.0	1191.7	1176.3	1147.6	1105.6	1059.3	1021.8	979.9
-52.5°	1079.2	1081.4	1079.2	1079.2	1077.0	1065.9	1032.8	990.9	940.1	907.0	871.7
-55°	960.0	971.0	975.4	979.9	982.1	982.1	942.3	898.2	849.6	816.5	790.1
-57.5°	862.9	869.5	873.9	885.0	893.8	900.4	865.1	825.4	787.9	757.0	732.7
-60°	779.0	787.9	794.5	805.5	812.1	816.5	794.5	768.0	745.9	726.1	690.8
-62.5°	704.0	710.6	717.2	723.9	730.5	734.9	726.1	712.8	701.8	693.0	648.8
-65°	629.0	635.6	642.2	651.0	657.6	662.1	659.9	651.0	642.2	633.4	593.6
-67.5°	560.5	567.2	576.0	578.2	582.6	584.8	580.4	573.8	562.8	551.7	520.8
-70°	487.7	492.1	496.5	496.5	496.5	494.3	489.9	481.1	470.1	454.6	430.3
-72.5°	421.5	425.9	430.3	423.7	419.3	412.7	406.1	395.0	384.0	373.0	359.7
-75°	359.7	361.9	361.9	353.1	346.5	339.9	331.0	324.4	313.4	304.5	293.5
-77.5°	286.9	286.9	286.9	280.3	275.9	271.4	264.8	258.2	249.4	242.8	233.9
-80°	222.9	222.9	222.9	220.7	214.1	209.7	205.2	200.8	194.2	189.8	185.4
-82.5°	169.9	169.9	169.9	167.7	163.3	161.1	156.7	152.3	150.1	145.7	143.4
-85°	123.6	125.8	125.8	123.6	121.4	117.0	114.8	112.6	110.3	108.1	103.7
-87.5°	83.9	83.9	83.9	81.7	79.4	79.4	77.2	72.8	68.4	66.2	64.0
-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: P722662

CATALOG NUMBER: IFLD-S-SA3C-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°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
85°	6.6	6.6	6.6	8.8	8.8	8.8	8.8	8.8	8.8	8.8	6.6
82.5°	11.0	11.0	13.2	13.2	15.4	15.4	15.4	15.4	15.4	15.4	15.4
80°	11.0	13.2	15.4	17.7	19.9	22.1	22.1	22.1	22.1	19.9	19.9
77.5°	13.2	13.2	15.4	17.7	19.9	22.1	24.3	26.5	24.3	24.3	24.3
75°	13.2	15.4	15.4	17.7	19.9	22.1	24.3	26.5	26.5	26.5	26.5
72.5°	11.0	13.2	15.4	17.7	17.7	19.9	22.1	22.1	24.3	24.3	26.5
70°	11.0	13.2	15.4	15.4	17.7	17.7	19.9	22.1	22.1	24.3	24.3
67.5°	13.2	15.4	15.4	17.7	19.9	19.9	19.9	22.1	22.1	24.3	24.3
65°	15.4	17.7	17.7	19.9	22.1	22.1	24.3	24.3	24.3	26.5	26.5
62.5°	26.5	26.5	26.5	24.3	26.5	26.5	26.5	28.7	28.7	26.5	28.7
60°	136.8	99.3	68.4	86.1	77.2	35.3	35.3	35.3	33.1	33.1	30.9
57.5°	322.2	300.1	258.2	218.5	196.4	174.3	108.1	44.1	44.1	39.7	35.3
55°	538.5	465.7	434.8	381.8	324.4	297.9	247.2	167.7	79.4	53.0	46.3
52.5°	834.2	765.8	686.3	578.2	501.0	439.2	397.2	315.6	211.9	112.6	70.6
50°	1116.7	1085.8	1037.2	931.3	770.2	666.5	598.1	505.4	379.6	231.7	132.4
47.5°	1798.6	1540.4	1383.7	1302.1	1167.4	971.0	838.6	734.9	582.6	390.6	233.9
45°	2264.3	2100.9	1851.6	1679.4	1480.8	1273.4	1101.2	982.1	801.1	584.8	366.3
42.5°	2663.7	2522.5	2297.4	2045.8	1836.1	1564.7	1344.0	1187.3	1035.0	798.9	547.3
40°	3177.9	3010.2	2793.9	2548.9	2304.0	1957.5	1600.0	1410.2	1242.5	1032.8	739.3
37.5°	4025.3	3729.6	3376.5	3105.1	2785.1	2491.6	2001.6	1666.2	1467.6	1249.1	964.4
35°	5044.9	4720.5	4131.3	3771.5	3343.4	2906.5	2465.1	1968.5	1686.1	1454.3	1171.8
32.5°	5993.9	5519.4	4764.6	4343.1	4058.4	3252.9	2796.1	2365.8	1911.2	1626.5	1291.0
30°	6256.5	5733.5	5192.8	4700.6	4215.1	3564.1	3023.4	2688.0	2193.6	1730.2	1403.6
27.5°	5991.7	5631.9	5212.6	4755.8	4230.6	3672.2	3162.4	2842.5	2401.1	1800.8	1491.8
25°	5722.4	5347.3	5053.7	4671.9	4186.4	3665.6	3166.9	2939.6	2562.2	1937.6	1540.4
22.5°	5437.7	5203.8	4961.0	4535.1	4076.1	3685.5	3310.3	3023.4	2646.0	2092.1	1560.3
20°	5453.2	5300.9	5033.9	4464.5	4056.2	3802.4	3482.4	3129.3	2736.5	2226.7	1575.7
17.5°	5700.4	5501.7	5166.3	4671.9	4235.0	3921.6	3625.9	3275.0	2829.2	2345.9	1763.3
15°	6004.9	5702.6	5351.7	4916.9	4422.6	4051.8	3736.2	3376.5	2935.1	2456.2	1931.0
12.5°	6225.6	5795.2	5466.4	5073.6	4625.6	4193.1	3809.1	3453.8	3034.4	2546.7	2056.8
10°	6300.6	5910.0	5521.6	5170.7	4729.3	4268.1	3864.2	3502.3	3120.5	2617.4	2149.5
7.5°	6340.3	6009.3	5559.1	5214.8	4791.1	4314.4	3908.4	3528.8	3188.9	2665.9	2209.1
5°	6335.9	6062.3	5587.8	5228.1	4824.2	4334.3	3939.3	3535.4	3237.5	2707.8	2244.4
2.5°	6316.1	6097.6	5634.1	5250.1	4890.4	4371.8	3998.9	3548.7	3255.1	2754.2	2268.7
0°	6388.9	6099.8	5682.7	5256.8	4934.6	4385.1	4025.3	3537.6	3230.9	2767.4	2266.5
-2.5°	6232.2	5969.6	5671.7	5199.4	4875.0	4354.2	3976.8	3502.3	3177.9	2752.0	2257.6
-5°	6205.7	5874.7	5579.0	5146.4	4775.7	4290.2	3886.3	3436.1	3094.0	2701.2	2222.3
-7.5°	6135.1	5784.2	5488.5	5104.5	4683.0	4224.0	3800.2	3367.7	3003.6	2621.8	2171.6
-10°	5980.6	5645.2	5391.4	5014.0	4570.4	4129.1	3696.5	3277.2	2897.6	2513.6	2092.1
-12.5°	5759.9	5424.5	5172.9	4822.0	4429.2	4001.1	3572.9	3160.2	2776.2	2398.9	1997.2
-15°	5510.6	5170.7	4919.1	4599.1	4219.5	3802.4	3416.2	3012.4	2637.2	2277.5	1884.7
-17.5°	5228.1	4905.9	4663.1	4352.0	3974.6	3577.3	3193.3	2827.0	2476.1	2151.7	1754.5
-20°	4901.5	4588.1	4365.2	4054.0	3707.5	3321.3	2948.4	2601.9	2286.3	1981.8	1611.0

REPORT NUMBER: P722662

CATALOG NUMBER: IFLD-S-SA3C-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°	4497.6	4221.7	3968.0	3689.9	3387.5	3034.4	2688.0	2381.2	2078.9	1780.9	1463.2
-25°	4084.9	3817.9	3570.7	3316.9	3027.8	2723.3	2427.6	2149.5	1853.8	1584.5	1319.7
-27.5°	3625.9	3387.5	3166.9	2932.9	2668.1	2405.5	2162.7	1891.3	1635.3	1405.8	1178.5
-30°	3136.0	2941.8	2749.8	2542.3	2328.3	2107.6	1891.3	1635.3	1434.5	1251.3	1059.3
-32.5°	2665.9	2491.6	2337.1	2182.6	1997.2	1816.3	1624.3	1434.5	1266.7	1105.6	944.5
-35°	2253.2	2067.8	1981.8	1858.2	1710.3	1547.0	1390.3	1257.9	1123.3	977.6	834.2
-37.5°	1895.7	1776.5	1675.0	1582.3	1465.4	1324.1	1211.6	1103.4	990.9	858.5	734.9
-40°	1615.4	1529.4	1427.8	1359.4	1264.5	1163.0	1050.5	960.0	865.1	757.0	655.4
-42.5°	1390.3	1319.7	1253.5	1180.7	1110.1	1024.0	926.9	840.8	754.8	675.3	591.4
-45°	1205.0	1154.2	1101.2	1041.6	979.9	904.8	825.4	737.1	675.3	604.7	534.1
-47.5°	1052.7	1015.2	971.0	924.7	871.7	805.5	732.7	668.7	604.7	545.1	476.7
-50°	931.3	896.0	860.7	821.0	774.6	717.2	662.1	602.5	542.9	485.5	421.5
-52.5°	829.8	798.9	770.2	737.1	693.0	644.4	593.6	540.7	485.5	428.1	377.4
-55°	759.2	723.9	695.2	662.1	622.3	576.0	529.6	481.1	428.1	384.0	342.1
-57.5°	701.8	662.1	629.0	593.6	553.9	514.2	472.3	428.1	388.4	346.5	306.8
-60°	653.2	606.9	569.4	534.1	496.5	459.0	423.7	386.2	348.7	311.2	271.4
-62.5°	602.5	553.9	507.6	474.5	445.8	412.7	381.8	346.5	313.4	275.9	247.2
-65°	545.1	498.8	454.6	425.9	399.4	370.8	342.1	311.2	282.5	253.8	227.3
-67.5°	481.1	441.4	410.5	384.0	357.5	333.2	306.8	280.3	256.0	227.3	200.8
-70°	403.9	381.8	364.1	344.3	320.0	297.9	273.7	249.4	222.9	198.6	174.3
-72.5°	344.3	331.0	317.8	297.9	275.9	256.0	236.1	214.1	192.0	169.9	150.1
-75°	282.5	271.4	260.4	247.2	229.5	214.1	196.4	176.5	158.9	143.4	128.0
-77.5°	227.3	218.5	211.9	200.8	187.6	174.3	163.3	150.1	136.8	121.4	105.9
-80°	181.0	176.5	174.3	169.9	158.9	147.9	139.0	128.0	114.8	103.7	92.7
-82.5°	141.2	141.2	139.0	136.8	128.0	119.2	112.6	103.7	94.9	86.1	75.0
-85°	103.7	101.5	101.5	99.3	92.7	88.3	81.7	77.2	70.6	61.8	57.4
-87.5°	61.8	59.6	57.4	55.2	50.8	48.6	44.1	41.9	37.5	33.1	30.9
-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: P722662

CATALOG NUMBER: IFLD-S-SA3C-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°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	0.0	0.0
85°	6.6	4.4	4.4	4.4	4.4	4.4	2.2	2.2	2.2	2.2	2.2
82.5°	13.2	13.2	11.0	11.0	8.8	6.6	4.4	4.4	4.4	2.2	2.2
80°	19.9	19.9	19.9	17.7	15.4	11.0	8.8	6.6	4.4	2.2	2.2
77.5°	24.3	22.1	22.1	19.9	19.9	17.7	13.2	11.0	6.6	4.4	2.2
75°	24.3	24.3	24.3	22.1	22.1	19.9	17.7	13.2	11.0	6.6	4.4
72.5°	26.5	24.3	24.3	24.3	22.1	19.9	17.7	15.4	13.2	8.8	4.4
70°	24.3	24.3	24.3	24.3	22.1	22.1	17.7	15.4	15.4	8.8	6.6
67.5°	24.3	24.3	24.3	22.1	22.1	19.9	17.7	15.4	15.4	11.0	6.6
65°	26.5	24.3	24.3	24.3	22.1	19.9	17.7	15.4	15.4	13.2	8.8
62.5°	28.7	26.5	26.5	24.3	22.1	19.9	17.7	15.4	15.4	13.2	8.8
60°	30.9	28.7	26.5	26.5	24.3	22.1	17.7	17.7	15.4	13.2	8.8
57.5°	33.1	30.9	30.9	28.7	26.5	24.3	19.9	17.7	15.4	13.2	11.0
55°	39.7	35.3	33.1	33.1	30.9	26.5	22.1	17.7	15.4	13.2	11.0
52.5°	53.0	41.9	37.5	37.5	35.3	30.9	24.3	19.9	15.4	13.2	11.0
50°	83.9	53.0	44.1	39.7	39.7	35.3	28.7	22.1	15.4	13.2	11.0
47.5°	132.4	88.3	53.0	46.3	44.1	41.9	33.1	22.1	17.7	13.2	11.0
45°	218.5	130.2	86.1	55.2	46.3	44.1	37.5	24.3	17.7	15.4	11.0
42.5°	300.1	203.0	132.4	66.2	55.2	48.6	39.7	26.5	19.9	15.4	11.0
40°	472.3	278.1	185.4	108.1	64.0	50.8	44.1	30.9	19.9	15.4	11.0
37.5°	640.0	368.5	249.4	158.9	72.8	57.4	46.3	33.1	22.1	15.4	13.2
35°	807.7	516.4	309.0	211.9	97.1	68.4	48.6	35.3	22.1	15.4	13.2
32.5°	957.8	655.4	370.8	264.8	145.7	81.7	53.0	37.5	24.3	17.7	13.2
30°	1081.4	783.4	481.1	311.2	189.8	99.3	57.4	37.5	26.5	17.7	13.2
27.5°	1174.1	882.7	593.6	359.7	227.3	117.0	66.2	41.9	26.5	17.7	13.2
25°	1249.1	960.0	693.0	410.5	260.4	145.7	79.4	44.1	28.7	19.9	13.2
22.5°	1308.7	1024.0	774.6	478.9	300.1	174.3	97.1	48.6	28.7	19.9	13.2
20°	1390.3	1088.0	829.8	551.7	342.1	200.8	112.6	53.0	28.7	19.9	15.4
17.5°	1460.9	1152.0	873.9	613.5	384.0	220.7	130.2	57.4	30.9	19.9	15.4
15°	1542.6	1213.8	913.6	662.1	423.7	238.3	145.7	61.8	30.9	22.1	15.4
12.5°	1630.9	1271.2	942.3	701.8	465.7	253.8	158.9	70.6	33.1	22.1	15.4
10°	1721.4	1319.7	966.6	730.5	496.5	269.2	167.7	79.4	35.3	22.1	15.4
7.5°	1811.8	1363.8	997.5	743.7	509.8	286.9	172.1	88.3	35.3	24.3	15.4
5°	1873.6	1392.5	1041.6	752.5	516.4	306.8	178.8	99.3	37.5	24.3	15.4
2.5°	1926.6	1410.2	1088.0	759.2	518.6	317.8	176.5	105.9	39.7	24.3	15.4
0°	1950.9	1410.2	1118.9	754.8	512.0	328.8	176.5	112.6	39.7	24.3	15.4
-2.5°	1913.4	1449.9	1110.1	757.0	514.2	328.8	185.4	114.8	44.1	26.5	15.4
-5°	1853.8	1465.4	1083.6	745.9	509.8	328.8	196.4	117.0	46.3	26.5	17.7
-7.5°	1796.4	1472.0	1052.7	734.9	503.2	320.0	198.6	114.8	50.8	28.7	17.7
-10°	1721.4	1399.2	1013.0	715.0	489.9	313.4	203.0	114.8	53.0	28.7	17.7
-12.5°	1635.3	1310.9	964.4	686.3	474.5	306.8	205.2	114.8	55.2	30.9	17.7
-15°	1536.0	1220.4	909.2	655.4	452.4	297.9	200.8	112.6	57.4	30.9	19.9
-17.5°	1423.4	1132.1	851.9	617.9	428.1	286.9	192.0	110.3	57.4	30.9	19.9
-20°	1295.4	1043.9	787.9	580.4	399.4	273.7	183.2	105.9	57.4	30.9	19.9



REPORT NUMBER: P722662

CATALOG NUMBER: IFLD-S-SA3C-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°	1180.7	962.2	721.6	538.5	368.5	258.2	172.1	101.5	57.4	33.1	19.9
-25°	1085.8	882.7	670.9	496.5	335.4	240.5	161.1	97.1	57.4	33.1	19.9
-27.5°	986.5	796.7	617.9	456.8	313.4	225.1	150.1	92.7	55.2	33.1	19.9
-30°	885.0	712.8	562.8	412.7	291.3	209.7	141.2	86.1	55.2	33.1	19.9
-32.5°	792.3	644.4	512.0	368.5	267.0	194.2	132.4	83.9	53.0	33.1	19.9
-35°	701.8	582.6	459.0	333.2	240.5	178.8	123.6	81.7	53.0	33.1	19.9
-37.5°	626.8	525.2	410.5	309.0	225.1	165.5	114.8	77.2	50.8	33.1	19.9
-40°	565.0	472.3	364.1	282.5	211.9	152.3	105.9	75.0	50.8	33.1	19.9
-42.5°	507.6	421.5	335.4	260.4	198.6	143.4	99.3	72.8	48.6	33.1	19.9
-45°	456.8	377.4	306.8	240.5	183.2	132.4	94.9	68.4	46.3	33.1	22.1
-47.5°	406.1	346.5	280.3	222.9	167.7	119.2	90.5	66.2	44.1	30.9	22.1
-50°	366.3	313.4	258.2	203.0	152.3	114.8	86.1	61.8	44.1	30.9	22.1
-52.5°	331.0	282.5	233.9	183.2	139.0	108.1	81.7	57.4	41.9	30.9	22.1
-55°	297.9	253.8	209.7	163.3	130.2	101.5	75.0	53.0	41.9	30.9	22.1
-57.5°	264.8	227.3	185.4	147.9	119.2	94.9	70.6	53.0	41.9	30.9	22.1
-60°	238.3	203.0	167.7	136.8	110.3	86.1	64.0	50.8	39.7	30.9	22.1
-62.5°	216.3	183.2	152.3	123.6	101.5	77.2	61.8	50.8	39.7	30.9	19.9
-65°	194.2	165.5	136.8	112.6	90.5	72.8	59.6	48.6	39.7	30.9	19.9
-67.5°	172.1	145.7	123.6	99.3	83.9	70.6	57.4	48.6	37.5	28.7	19.9
-70°	150.1	128.0	108.1	92.7	79.4	66.2	55.2	46.3	37.5	26.5	17.7
-72.5°	132.4	112.6	97.1	86.1	75.0	64.0	53.0	44.1	35.3	24.3	15.4
-75°	112.6	99.3	88.3	77.2	68.4	59.6	50.8	39.7	30.9	22.1	15.4
-77.5°	94.9	86.1	77.2	70.6	61.8	53.0	44.1	35.3	28.7	19.9	13.2
-80°	81.7	75.0	68.4	61.8	55.2	46.3	39.7	30.9	24.3	17.7	11.0
-82.5°	66.2	61.8	55.2	50.8	46.3	39.7	33.1	26.5	17.7	13.2	8.8
-85°	50.8	46.3	44.1	39.7	35.3	28.7	22.1	17.7	13.2	8.8	4.4
-87.5°	26.5	24.3	22.1	19.9	17.7	13.2	11.0	8.8	6.6	4.4	2.2
-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: P722662

CATALOG NUMBER: IFLD-S-SA3C-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°	2.2	0.0	0.0	0.0
77.5°	2.2	0.0	0.0	0.0
75°	2.2	2.2	0.0	0.0
72.5°	2.2	2.2	0.0	0.0
70°	2.2	2.2	0.0	0.0
67.5°	4.4	2.2	0.0	0.0
65°	4.4	2.2	0.0	0.0
62.5°	4.4	2.2	0.0	0.0
60°	4.4	2.2	0.0	0.0
57.5°	6.6	2.2	2.2	0.0
55°	6.6	2.2	2.2	0.0
52.5°	6.6	2.2	2.2	0.0
50°	6.6	4.4	2.2	0.0
47.5°	6.6	4.4	2.2	0.0
45°	6.6	4.4	2.2	0.0
42.5°	6.6	4.4	2.2	0.0
40°	8.8	4.4	2.2	0.0
37.5°	8.8	4.4	2.2	0.0
35°	8.8	4.4	2.2	0.0
32.5°	8.8	4.4	2.2	0.0
30°	8.8	4.4	2.2	0.0
27.5°	8.8	6.6	2.2	0.0
25°	8.8	6.6	2.2	0.0
22.5°	11.0	6.6	2.2	0.0
20°	11.0	6.6	2.2	0.0
17.5°	11.0	6.6	2.2	0.0
15°	11.0	6.6	2.2	0.0
12.5°	11.0	6.6	2.2	0.0
10°	11.0	6.6	2.2	0.0
7.5°	11.0	6.6	2.2	0.0
5°	11.0	6.6	2.2	0.0
2.5°	11.0	6.6	2.2	0.0
0°	11.0	6.6	2.2	0.0
-2.5°	11.0	6.6	2.2	0.0
-5°	11.0	6.6	2.2	0.0
-7.5°	11.0	6.6	2.2	0.0
-10°	11.0	6.6	2.2	0.0
-12.5°	13.2	6.6	2.2	0.0
-15°	13.2	6.6	2.2	0.0
-17.5°	13.2	6.6	2.2	0.0
-20°	13.2	6.6	2.2	0.0

REPORT NUMBER: P722662

CATALOG NUMBER: IFLD-S-SA3C-930-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	13.2	6.6	2.2	0.0
-25°	13.2	6.6	2.2	0.0
-27.5°	13.2	6.6	2.2	0.0
-30°	13.2	6.6	2.2	0.0
-32.5°	13.2	6.6	2.2	0.0
-35°	13.2	6.6	2.2	0.0
-37.5°	13.2	6.6	2.2	0.0
-40°	13.2	6.6	2.2	0.0
-42.5°	11.0	6.6	2.2	0.0
-45°	13.2	6.6	2.2	0.0
-47.5°	13.2	6.6	2.2	0.0
-50°	13.2	6.6	2.2	0.0
-52.5°	13.2	6.6	2.2	0.0
-55°	13.2	6.6	2.2	0.0
-57.5°	13.2	6.6	2.2	0.0
-60°	13.2	6.6	2.2	0.0
-62.5°	11.0	6.6	2.2	0.0
-65°	11.0	4.4	2.2	0.0
-67.5°	11.0	4.4	2.2	0.0
-70°	11.0	4.4	2.2	0.0
-72.5°	8.8	4.4	2.2	0.0
-75°	8.8	4.4	2.2	0.0
-77.5°	6.6	2.2	0.0	0.0
-80°	6.6	2.2	0.0	0.0
-82.5°	4.4	2.2	0.0	0.0
-85°	2.2	2.2	0.0	0.0
-87.5°	2.2	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)