

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: P722670

Luminaire Tested: **IFLD-M-SA4A-930-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722670
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-M-SA4A-930-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (64) 3000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

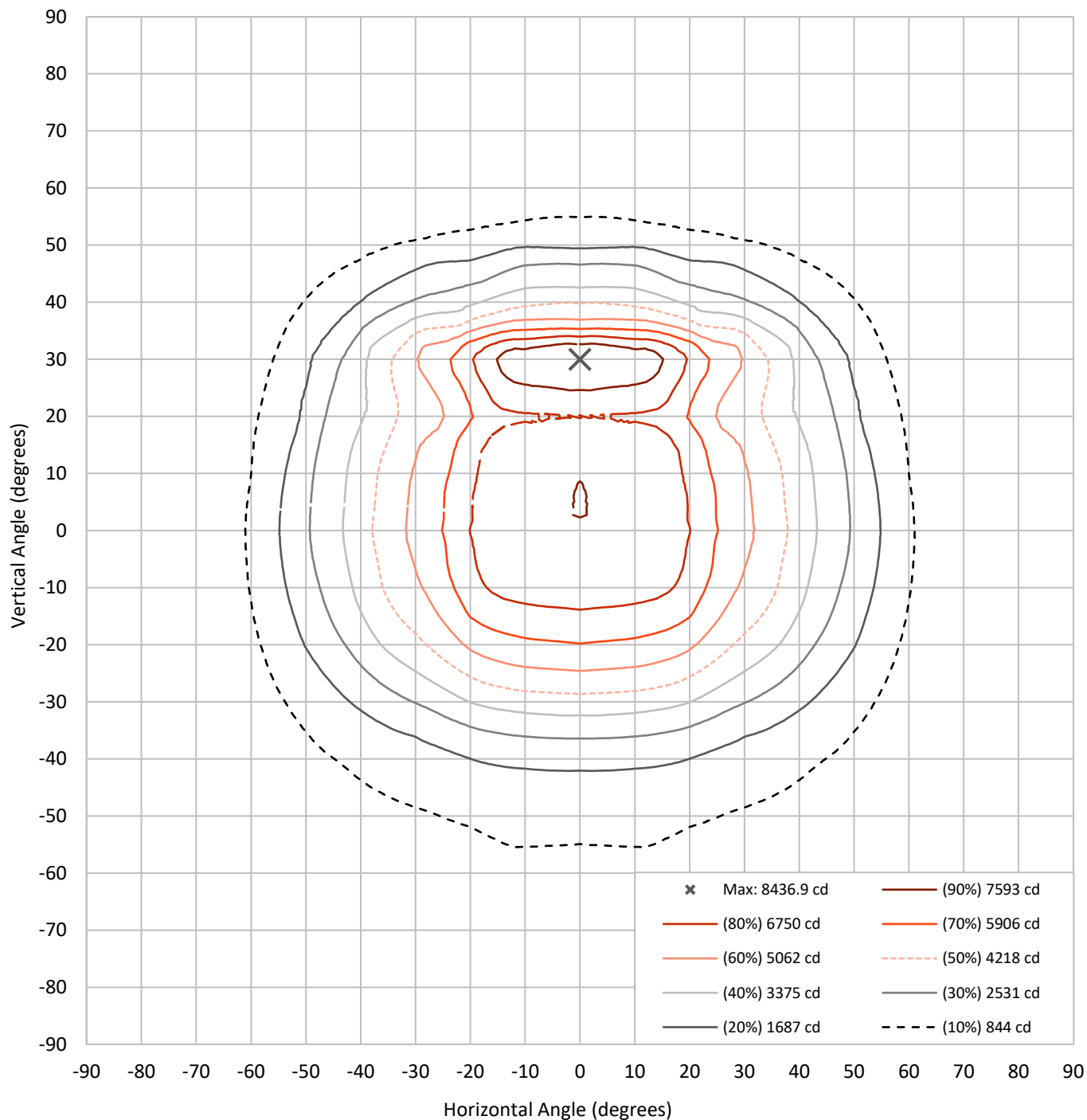
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	12085.4 lumens	Max Intensity:	8436.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	94.0 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 0.5' x H: 0')		
Beam Angle (50%):	68.6°H x 68.4°V	Field Angle (10%):	111.9°H x 109.7°V
Beam Lumens:	7709.9 lumens	Field Lumens:	11393.8 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%
Input Watts (W):	128.6		
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: P722670

CATALOG NUMBER: IFLD-M-SA4A-930-U-76-VI

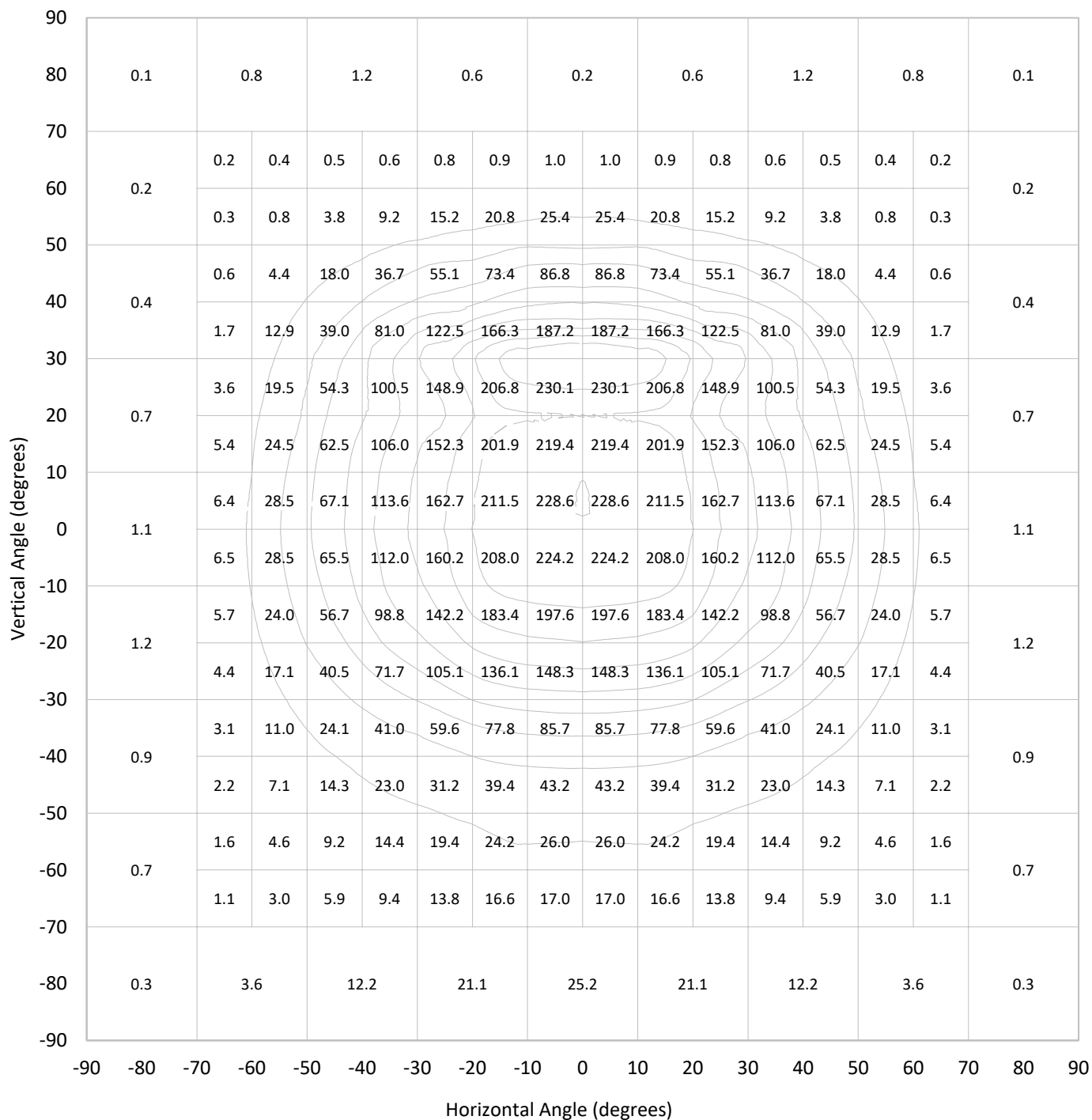
Iso-Candela Plot



REPORT NUMBER: P722670

CATALOG NUMBER: IFLD-M-SA4A-930-U-76-VI

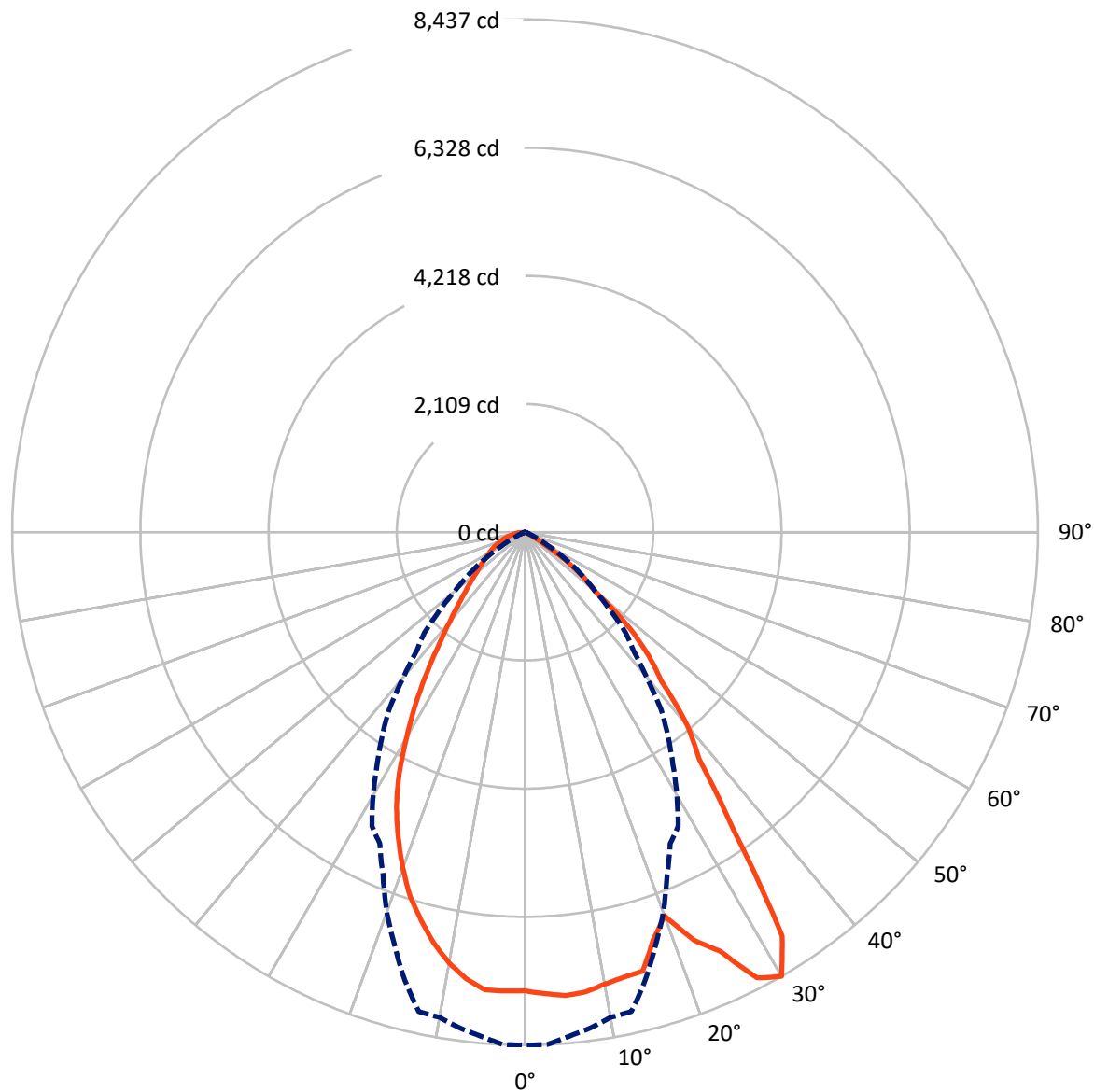
Lumen Table



REPORT NUMBER: P722670

CATALOG NUMBER: IFLD-M-SA4A-930-U-76-VI

Luminous Intensity Polar Plot

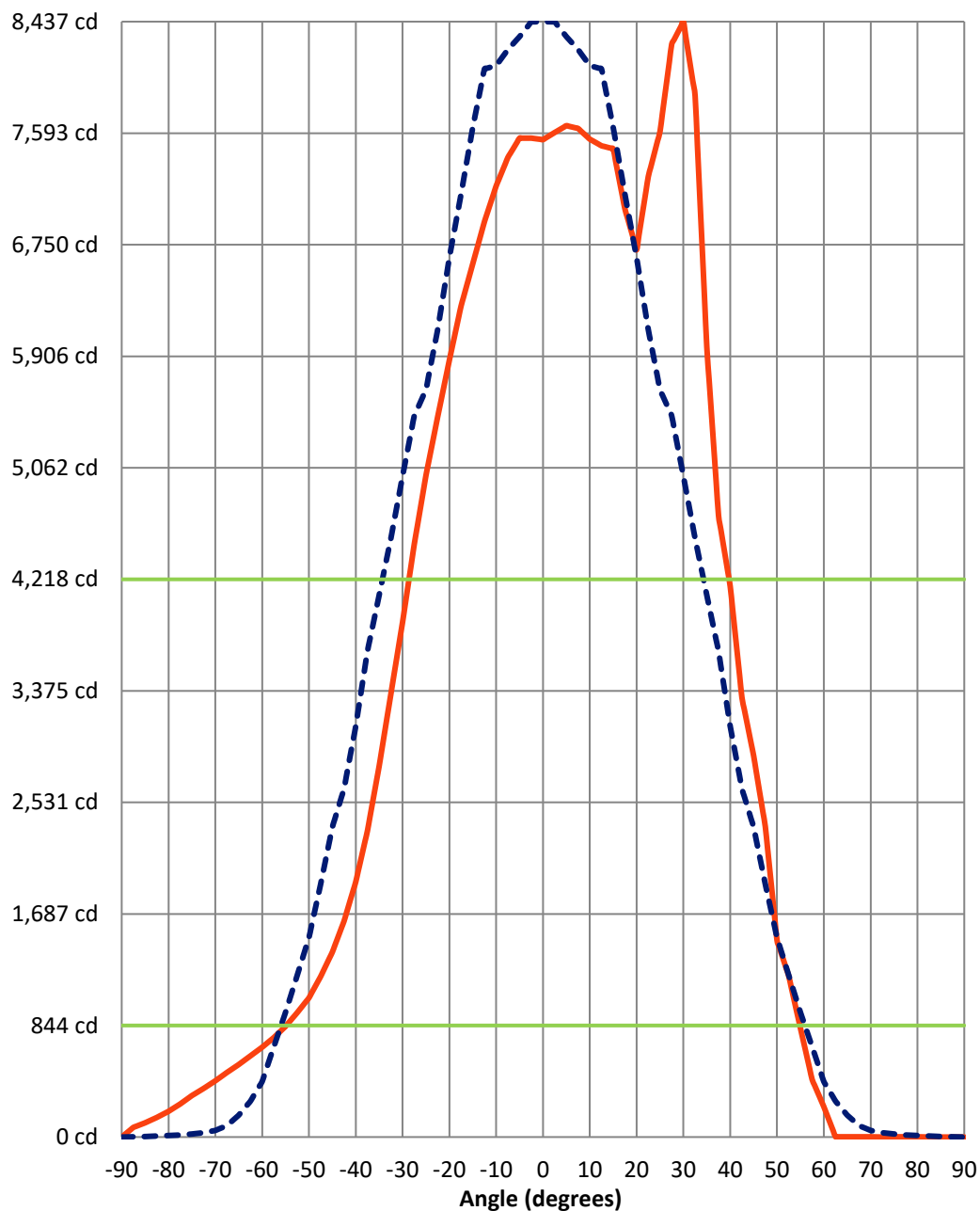


— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 30-Deg

REPORT NUMBER: P722670

CATALOG NUMBER: IFLD-M-SA4A-930-U-76-VI

Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 7709.9

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 11393.8

Efficiency: 94.3%

Spill:

Lumens: 691.6

Efficiency: 5.7%

— Vertical Distribution through 0-Deg

- - Horizontal Distribution through 30-Deg

REPORT NUMBER: P722670

CATALOG NUMBER: IFLD-M-SA4A-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	5.8
82.5°	0.0	1.9	1.9	1.9	3.8	3.8	3.8	3.8	5.8	5.8	7.7
80°	1.9	1.9	1.9	1.9	3.8	3.8	3.8	5.8	5.8	7.7	7.7
77.5°	1.9	1.9	1.9	3.8	3.8	3.8	5.8	5.8	7.7	7.7	9.6
75°	1.9	1.9	1.9	3.8	3.8	5.8	5.8	5.8	7.7	7.7	9.6
72.5°	0.0	1.9	1.9	3.8	3.8	5.8	5.8	5.8	7.7	7.7	7.7
70°	1.9	1.9	1.9	3.8	3.8	5.8	5.8	5.8	7.7	7.7	7.7
67.5°	1.9	1.9	1.9	3.8	3.8	5.8	5.8	7.7	7.7	7.7	9.6
65°	1.9	1.9	1.9	3.8	5.8	5.8	7.7	9.6	9.6	11.5	13.5
62.5°	1.9	3.8	3.8	5.8	7.7	9.6	21.2	32.7	32.7	23.1	19.2
60°	229.0	248.2	246.3	223.2	194.3	163.5	157.8	152.0	140.5	123.1	128.9
57.5°	434.8	457.9	467.5	461.8	446.4	419.4	404.0	386.7	363.6	336.7	305.9
55°	823.5	833.1	811.9	771.5	727.3	683.0	667.6	644.6	609.9	575.3	529.1
52.5°	1217.9	1250.6	1241.0	1200.6	1141.0	1062.1	975.5	908.2	867.7	829.3	783.1
50°	1487.3	1500.8	1527.7	1575.8	1593.1	1539.2	1398.8	1217.9	1089.0	1154.4	1104.4
47.5°	2347.3	2414.7	2401.2	2366.6	2308.9	2162.6	1966.4	1804.8	1670.1	1625.8	1633.5
45°	2884.1	2911.1	2901.5	2886.1	2859.1	2722.5	2505.1	2256.9	2131.8	2081.8	2029.9
42.5°	3324.8	3353.6	3359.4	3361.3	3332.4	3207.4	3011.1	2762.9	2637.9	2493.6	2380.0
40°	4165.6	4207.9	4159.8	4096.3	4000.1	3857.7	3665.3	3436.3	3215.1	3038.1	2903.4
37.5°	4702.4	4754.3	4773.6	4769.7	4748.5	4687.0	4450.3	4232.9	3894.3	3497.9	3569.1
35°	5976.1	6030.0	6014.6	5956.8	5926.1	5860.6	5629.8	5371.9	4946.7	4515.7	4400.3
32.5°	7875.1	7992.5	7773.1	7532.6	7384.5	7436.4	7201.7	6570.6	6374.4	5597.1	5237.3
30°	8436.9	8435.0	8323.4	8225.3	8104.1	8079.1	7636.5	7132.4	6651.4	6106.9	5652.8
27.5°	8265.7	8231.1	8136.8	8065.6	7952.1	7892.4	7459.5	7059.3	6503.3	6016.5	5577.8
25°	7605.8	7632.7	7536.5	7523.0	7478.8	7363.3	7147.8	6697.6	6201.2	5662.5	5346.9
22.5°	7265.2	7255.6	7140.1	7072.8	7126.7	7003.5	6916.9	6462.9	5945.3	5491.2	5112.2
20°	6711.1	6713.0	6684.1	6678.4	6645.7	6589.9	6520.6	6199.3	5833.7	5445.1	4989.1
17.5°	7020.8	7099.7	7134.4	6847.7	6928.5	6865.0	6791.9	6343.6	6068.4	5724.0	5129.5
15°	7474.9	7446.1	7411.4	7396.0	7351.8	7292.1	7159.4	6801.5	6328.2	5972.2	5508.5
12.5°	7498.0	7442.2	7428.7	7426.8	7380.6	7297.9	7169.0	6872.7	6453.3	6020.3	5643.2
10°	7548.0	7490.3	7482.6	7492.2	7421.0	7369.1	7240.2	6965.0	6491.7	6103.1	5747.1
7.5°	7628.8	7532.6	7576.9	7548.0	7515.3	7432.6	7294.1	7024.7	6632.2	6212.7	5839.5
5°	7650.0	7544.2	7592.3	7565.4	7517.3	7436.4	7286.4	7063.2	6718.8	6257.0	5876.0
2.5°	7598.1	7567.3	7546.1	7496.1	7474.9	7386.4	7244.0	7005.5	6678.4	6237.8	5868.3
0°	7544.2	7571.1	7523.0	7473.0	7463.4	7392.2	7271.0	7055.5	6772.6	6291.6	5933.8
-2.5°	7555.7	7534.6	7501.9	7449.9	7399.9	7297.9	7188.2	6986.2	6682.2	6174.3	5841.4
-5°	7555.7	7457.6	7461.5	7463.4	7413.4	7307.5	7174.8	7003.5	6628.3	6172.3	5814.5
-7.5°	7409.5	7324.8	7311.4	7299.8	7286.4	7188.2	7084.3	6870.8	6537.9	6122.3	5739.4
-10°	7194.0	7111.3	7119.0	7101.7	7059.3	6993.9	6915.0	6722.6	6449.4	5964.5	5587.4
-12.5°	6924.6	6888.1	6866.9	6838.1	6795.7	6738.0	6657.2	6476.3	6183.9	5770.2	5412.3
-15°	6605.3	6578.3	6559.1	6541.8	6480.2	6420.5	6314.7	6147.3	5964.5	5520.1	5154.5
-17.5°	6285.9	6218.5	6191.6	6168.5	6128.1	6031.9	5935.7	5810.6	5554.7	5202.6	4889.0
-20°	5876.0	5835.6	5802.9	5772.1	5714.4	5639.4	5560.5	5416.2	5194.9	4910.2	4585.0

REPORT NUMBER: P722670

CATALOG NUMBER: IFLD-M-SA4A-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°	5447.0	5423.9	5397.0	5358.5	5320.0	5248.8	5139.1	5000.6	4827.4	4519.6	4215.6
-25°	5004.4	4960.2	4927.5	4890.9	4860.1	4794.7	4688.9	4556.1	4338.7	4073.2	3819.2
-27.5°	4483.0	4440.7	4423.4	4381.1	4354.1	4294.5	4188.7	4065.5	3869.3	3646.1	3388.2
-30°	3894.3	3902.0	3882.7	3842.3	3809.6	3732.7	3651.8	3547.9	3394.0	3180.4	2949.6
-32.5°	3349.8	3359.4	3336.3	3294.0	3251.6	3195.8	3120.8	3026.5	2911.1	2707.1	2507.0
-35°	2805.3	2801.4	2782.2	2757.2	2728.3	2682.1	2597.5	2526.3	2393.5	2251.1	2112.6
-37.5°	2316.6	2326.2	2320.4	2306.9	2274.2	2235.7	2166.5	2101.1	2002.9	1877.9	1770.1
-40°	1929.8	1941.4	1933.7	1920.2	1891.3	1868.2	1822.1	1764.4	1685.5	1577.7	1487.3
-42.5°	1633.5	1641.2	1631.6	1620.0	1595.0	1577.7	1541.2	1493.1	1427.6	1344.9	1264.1
-45°	1398.8	1400.7	1391.1	1383.4	1364.1	1343.0	1312.2	1273.7	1221.8	1164.0	1098.6
-47.5°	1214.1	1212.1	1202.5	1194.8	1179.4	1160.2	1135.2	1100.6	1060.1	1015.9	963.9
-50°	1052.5	1062.1	1058.2	1050.5	1039.0	1025.5	1000.5	963.9	923.5	890.8	854.3
-52.5°	940.9	942.8	940.9	940.9	938.9	929.3	900.5	863.9	819.6	790.8	760.0
-55°	837.0	846.6	850.4	854.3	856.2	856.2	821.6	783.1	740.8	711.9	688.8
-57.5°	752.3	758.1	761.9	771.5	779.2	785.0	754.2	719.6	686.9	659.9	638.8
-60°	679.2	686.9	692.7	702.3	708.0	711.9	692.7	669.6	650.3	633.0	602.2
-62.5°	613.8	619.5	625.3	631.1	636.9	640.7	633.0	621.5	611.8	604.2	565.7
-65°	548.4	554.1	559.9	567.6	573.4	577.2	575.3	567.6	559.9	552.2	517.6
-67.5°	488.7	494.5	502.2	504.1	507.9	509.9	506.0	500.3	490.6	481.0	454.1
-70°	425.2	429.1	432.9	432.9	432.9	431.0	427.1	419.4	409.8	396.4	375.2
-72.5°	367.5	371.3	375.2	369.4	365.6	359.8	354.0	344.4	334.8	325.2	313.6
-75°	313.6	315.5	315.5	307.8	302.1	296.3	288.6	282.8	273.2	265.5	255.9
-77.5°	250.1	250.1	250.1	244.4	240.5	236.7	230.9	225.1	217.4	211.6	203.9
-80°	194.3	194.3	194.3	192.4	186.6	182.8	178.9	175.1	169.3	165.5	161.6
-82.5°	148.2	148.2	148.2	146.2	142.4	140.5	136.6	132.8	130.8	127.0	125.1
-85°	107.7	109.7	109.7	107.7	105.8	102.0	100.1	98.1	96.2	94.3	90.4
-87.5°	73.1	73.1	73.1	71.2	69.3	69.3	67.3	63.5	59.6	57.7	55.8
-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: P722670

CATALOG NUMBER: IFLD-M-SA4A-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°	5.8	5.8	5.8	7.7	7.7	7.7	7.7	7.7	7.7	7.7	5.8
82.5°	9.6	9.6	11.5	11.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
80°	9.6	11.5	13.5	15.4	17.3	19.2	19.2	19.2	19.2	17.3	17.3
77.5°	11.5	11.5	13.5	15.4	17.3	19.2	21.2	23.1	21.2	21.2	21.2
75°	11.5	13.5	13.5	15.4	17.3	19.2	21.2	23.1	23.1	23.1	23.1
72.5°	9.6	11.5	13.5	15.4	15.4	17.3	19.2	19.2	21.2	21.2	23.1
70°	9.6	11.5	13.5	13.5	15.4	15.4	17.3	19.2	19.2	21.2	21.2
67.5°	11.5	13.5	13.5	15.4	17.3	17.3	17.3	19.2	19.2	21.2	21.2
65°	13.5	15.4	15.4	17.3	19.2	19.2	21.2	21.2	21.2	23.1	23.1
62.5°	23.1	23.1	23.1	21.2	23.1	23.1	23.1	25.0	25.0	23.1	25.0
60°	119.3	86.6	59.6	75.0	67.3	30.8	30.8	30.8	28.9	28.9	26.9
57.5°	280.9	261.7	225.1	190.5	171.2	152.0	94.3	38.5	38.5	34.6	30.8
55°	469.5	406.0	379.0	332.9	282.8	259.7	215.5	146.2	69.3	46.2	40.4
52.5°	727.3	667.6	598.4	504.1	436.8	382.9	346.3	275.1	184.7	98.1	61.6
50°	973.6	946.6	904.3	811.9	671.5	581.1	521.4	440.6	330.9	202.0	115.4
47.5°	1568.1	1343.0	1206.4	1135.2	1017.8	846.6	731.1	640.7	507.9	340.6	203.9
45°	1974.1	1831.7	1614.3	1464.2	1291.0	1110.2	960.1	856.2	698.4	509.9	319.4
42.5°	2322.3	2199.2	2002.9	1783.6	1600.8	1364.1	1171.7	1035.1	902.4	696.5	477.2
40°	2770.6	2624.4	2435.8	2222.3	2008.7	1706.6	1394.9	1229.5	1083.2	900.5	644.6
37.5°	3509.5	3251.6	2943.8	2707.1	2428.1	2172.2	1745.1	1452.7	1279.5	1089.0	840.8
35°	4398.4	4115.5	3601.8	3288.2	2914.9	2534.0	2149.2	1716.2	1470.0	1267.9	1021.7
32.5°	5225.7	4812.0	4154.0	3786.5	3538.3	2836.0	2437.8	2062.6	1666.2	1418.0	1125.6
30°	5454.7	4998.7	4527.3	4098.2	3674.9	3107.3	2635.9	2343.5	1912.5	1508.5	1223.7
27.5°	5223.8	4910.2	4544.6	4146.3	3688.4	3201.6	2757.2	2478.2	2093.4	1570.0	1300.7
25°	4989.1	4662.0	4406.1	4073.2	3649.9	3195.8	2761.0	2562.8	2233.8	1689.3	1343.0
22.5°	4740.9	4536.9	4325.3	3953.9	3553.7	3213.2	2886.1	2635.9	2306.9	1824.0	1360.3
20°	4754.3	4621.6	4388.8	3892.3	3536.4	3315.1	3036.1	2728.3	2385.8	1941.4	1373.8
17.5°	4969.8	4796.6	4504.2	4073.2	3692.2	3419.0	3161.2	2855.3	2466.6	2045.3	1537.3
15°	5235.3	4971.7	4665.8	4286.8	3855.8	3532.6	3257.4	2943.8	2559.0	2141.5	1683.5
12.5°	5427.7	5052.5	4765.9	4423.4	4032.8	3655.7	3320.9	3011.1	2645.6	2220.4	1793.2
10°	5493.2	5152.6	4814.0	4508.0	4123.2	3721.1	3369.0	3053.5	2720.6	2281.9	1874.0
7.5°	5527.8	5239.2	4846.7	4546.5	4177.1	3761.5	3407.5	3076.6	2780.2	2324.2	1926.0
5°	5523.9	5285.4	4871.7	4558.1	4206.0	3778.8	3434.4	3082.3	2822.6	2360.8	1956.8
2.5°	5506.6	5316.1	4912.1	4577.3	4263.7	3811.5	3486.4	3093.9	2838.0	2401.2	1977.9
0°	5570.1	5318.1	4954.4	4583.1	4302.2	3823.1	3509.5	3084.2	2816.8	2412.8	1976.0
-2.5°	5433.5	5204.5	4944.8	4533.1	4250.2	3796.1	3467.1	3053.5	2770.6	2399.3	1968.3
-5°	5410.4	5121.8	4864.0	4486.9	4163.6	3740.3	3388.2	2995.7	2697.5	2355.0	1937.5
-7.5°	5348.9	5042.9	4785.1	4450.3	4082.8	3682.6	3313.2	2936.1	2618.6	2285.8	1893.3
-10°	5214.2	4921.7	4700.4	4371.4	3984.7	3599.9	3222.8	2857.2	2526.3	2191.5	1824.0
-12.5°	5021.8	4729.3	4510.0	4204.0	3861.6	3488.3	3115.0	2755.2	2420.5	2091.4	1741.3
-15°	4804.3	4508.0	4288.7	4009.7	3678.8	3315.1	2978.4	2626.3	2299.2	1985.6	1643.1
-17.5°	4558.1	4277.2	4065.5	3794.2	3465.2	3118.9	2784.1	2464.7	2158.8	1875.9	1529.6
-20°	4273.3	4000.1	3805.8	3534.5	3232.4	2895.7	2570.5	2268.5	1993.3	1727.8	1404.6

REPORT NUMBER: P722670

CATALOG NUMBER: IFLD-M-SA4A-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°	3921.2	3680.7	3459.4	3217.0	2953.4	2645.6	2343.5	2076.0	1812.5	1552.7	1275.6
-25°	3561.4	3328.6	3113.1	2891.8	2639.8	2374.3	2116.5	1874.0	1616.2	1381.5	1150.6
-27.5°	3161.2	2953.4	2761.0	2557.1	2326.2	2097.2	1885.6	1648.9	1425.7	1225.6	1027.4
-30°	2734.1	2564.8	2397.4	2216.5	2029.9	1837.5	1648.9	1425.7	1250.6	1090.9	923.5
-32.5°	2324.2	2172.2	2037.6	1902.9	1741.3	1583.5	1416.1	1250.6	1104.4	963.9	823.5
-35°	1964.5	1802.8	1727.8	1620.0	1491.1	1348.8	1212.1	1096.7	979.3	852.4	727.3
-37.5°	1652.8	1548.9	1460.4	1379.5	1277.6	1154.4	1056.3	962.0	863.9	748.5	640.7
-40°	1408.4	1333.4	1244.9	1185.2	1102.5	1014.0	915.8	837.0	754.2	659.9	571.4
-42.5°	1212.1	1150.6	1092.9	1029.4	967.8	892.8	808.1	733.1	658.0	588.8	515.6
-45°	1050.5	1006.3	960.1	908.2	854.3	788.9	719.6	642.6	588.8	527.2	465.6
-47.5°	917.8	885.1	846.6	806.2	760.0	702.3	638.8	583.0	527.2	475.2	415.6
-50°	811.9	781.2	750.4	715.7	675.3	625.3	577.2	525.3	473.3	423.3	367.5
-52.5°	723.4	696.5	671.5	642.6	604.2	561.8	517.6	471.4	423.3	373.3	329.0
-55°	661.9	631.1	606.1	577.2	542.6	502.2	461.8	419.4	373.3	334.8	298.2
-57.5°	611.8	577.2	548.4	517.6	482.9	448.3	411.7	373.3	338.6	302.1	267.4
-60°	569.5	529.1	496.4	465.6	432.9	400.2	369.4	336.7	304.0	271.3	236.7
-62.5°	525.3	482.9	442.5	413.7	388.7	359.8	332.9	302.1	273.2	240.5	215.5
-65°	475.2	434.8	396.4	371.3	348.3	323.2	298.2	271.3	246.3	221.3	198.2
-67.5°	419.4	384.8	357.9	334.8	311.7	290.5	267.4	244.4	223.2	198.2	175.1
-70°	352.1	332.9	317.5	300.2	279.0	259.7	238.6	217.4	194.3	173.2	152.0
-72.5°	300.2	288.6	277.1	259.7	240.5	223.2	205.9	186.6	167.4	148.2	130.8
-75°	246.3	236.7	227.0	215.5	200.1	186.6	171.2	153.9	138.5	125.1	111.6
-77.5°	198.2	190.5	184.7	175.1	163.5	152.0	142.4	130.8	119.3	105.8	92.4
-80°	157.8	153.9	152.0	148.2	138.5	128.9	121.2	111.6	100.1	90.4	80.8
-82.5°	123.1	123.1	121.2	119.3	111.6	103.9	98.1	90.4	82.7	75.0	65.4
-85°	90.4	88.5	88.5	86.6	80.8	77.0	71.2	67.3	61.6	53.9	50.0
-87.5°	53.9	51.9	50.0	48.1	44.3	42.3	38.5	36.6	32.7	28.9	26.9
-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: P722670

CATALOG NUMBER: IFLD-M-SA4A-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°	5.8	3.8	3.8	3.8	3.8	3.8	1.9	1.9	1.9	1.9	1.9
82.5°	11.5	11.5	9.6	9.6	7.7	5.8	3.8	3.8	3.8	1.9	1.9
80°	17.3	17.3	17.3	15.4	13.5	9.6	7.7	5.8	3.8	1.9	1.9
77.5°	21.2	19.2	19.2	17.3	17.3	15.4	11.5	9.6	5.8	3.8	1.9
75°	21.2	21.2	21.2	19.2	19.2	17.3	15.4	11.5	9.6	5.8	3.8
72.5°	23.1	21.2	21.2	21.2	19.2	17.3	15.4	13.5	11.5	7.7	3.8
70°	21.2	21.2	21.2	21.2	19.2	19.2	15.4	13.5	13.5	7.7	5.8
67.5°	21.2	21.2	21.2	19.2	19.2	17.3	15.4	13.5	13.5	9.6	5.8
65°	23.1	21.2	21.2	21.2	19.2	17.3	15.4	13.5	13.5	11.5	7.7
62.5°	25.0	23.1	23.1	21.2	19.2	17.3	15.4	13.5	13.5	11.5	7.7
60°	26.9	25.0	23.1	23.1	21.2	19.2	15.4	15.4	13.5	11.5	7.7
57.5°	28.9	26.9	26.9	25.0	23.1	21.2	17.3	15.4	13.5	11.5	9.6
55°	34.6	30.8	28.9	28.9	26.9	23.1	19.2	15.4	13.5	11.5	9.6
52.5°	46.2	36.6	32.7	32.7	30.8	26.9	21.2	17.3	13.5	11.5	9.6
50°	73.1	46.2	38.5	34.6	34.6	30.8	25.0	19.2	13.5	11.5	9.6
47.5°	115.4	77.0	46.2	40.4	38.5	36.6	28.9	19.2	15.4	11.5	9.6
45°	190.5	113.5	75.0	48.1	40.4	38.5	32.7	21.2	15.4	13.5	9.6
42.5°	261.7	177.0	115.4	57.7	48.1	42.3	34.6	23.1	17.3	13.5	9.6
40°	411.7	242.4	161.6	94.3	55.8	44.3	38.5	26.9	17.3	13.5	9.6
37.5°	558.0	321.3	217.4	138.5	63.5	50.0	40.4	28.9	19.2	13.5	11.5
35°	704.2	450.2	269.4	184.7	84.7	59.6	42.3	30.8	19.2	13.5	11.5
32.5°	835.0	571.4	323.2	230.9	127.0	71.2	46.2	32.7	21.2	15.4	11.5
30°	942.8	683.0	419.4	271.3	165.5	86.6	50.0	32.7	23.1	15.4	11.5
27.5°	1023.6	769.6	517.6	313.6	198.2	102.0	57.7	36.6	23.1	15.4	11.5
25°	1089.0	837.0	604.2	357.9	227.0	127.0	69.3	38.5	25.0	17.3	11.5
22.5°	1141.0	892.8	675.3	417.5	261.7	152.0	84.7	42.3	25.0	17.3	11.5
20°	1212.1	948.6	723.4	481.0	298.2	175.1	98.1	46.2	25.0	17.3	13.5
17.5°	1273.7	1004.4	761.9	534.9	334.8	192.4	113.5	50.0	26.9	17.3	13.5
15°	1344.9	1058.2	796.6	577.2	369.4	207.8	127.0	53.9	26.9	19.2	13.5
12.5°	1421.9	1108.3	821.6	611.8	406.0	221.3	138.5	61.6	28.9	19.2	13.5
10°	1500.8	1150.6	842.7	636.9	432.9	234.7	146.2	69.3	30.8	19.2	13.5
7.5°	1579.6	1189.1	869.7	648.4	444.5	250.1	150.1	77.0	30.8	21.2	13.5
5°	1633.5	1214.1	908.2	656.1	450.2	267.4	155.8	86.6	32.7	21.2	13.5
2.5°	1679.7	1229.5	948.6	661.9	452.2	277.1	153.9	92.4	34.6	21.2	13.5
0°	1700.9	1229.5	975.5	658.0	446.4	286.7	153.9	98.1	34.6	21.2	13.5
-2.5°	1668.1	1264.1	967.8	659.9	448.3	286.7	161.6	100.1	38.5	23.1	13.5
-5°	1616.2	1277.6	944.7	650.3	444.5	286.7	171.2	102.0	40.4	23.1	15.4
-7.5°	1566.2	1283.3	917.8	640.7	438.7	279.0	173.2	100.1	44.3	25.0	15.4
-10°	1500.8	1219.8	883.1	623.4	427.1	273.2	177.0	100.1	46.2	25.0	15.4
-12.5°	1425.7	1142.9	840.8	598.4	413.7	267.4	178.9	100.1	48.1	26.9	15.4
-15°	1339.1	1064.0	792.7	571.4	394.4	259.7	175.1	98.1	50.0	26.9	17.3
-17.5°	1241.0	987.0	742.7	538.7	373.3	250.1	167.4	96.2	50.0	26.9	17.3
-20°	1129.4	910.1	686.9	506.0	348.3	238.6	159.7	92.4	50.0	26.9	17.3

REPORT NUMBER: P722670

CATALOG NUMBER: IFLD-M-SA4A-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°	1029.4	838.9	629.2	469.5	321.3	225.1	150.1	88.5	50.0	28.9	17.3
-25°	946.6	769.6	584.9	432.9	292.5	209.7	140.5	84.7	50.0	28.9	17.3
-27.5°	860.0	694.6	538.7	398.3	273.2	196.3	130.8	80.8	48.1	28.9	17.3
-30°	771.5	621.5	490.6	359.8	254.0	182.8	123.1	75.0	48.1	28.9	17.3
-32.5°	690.7	561.8	446.4	321.3	232.8	169.3	115.4	73.1	46.2	28.9	17.3
-35°	611.8	507.9	400.2	290.5	209.7	155.8	107.7	71.2	46.2	28.9	17.3
-37.5°	546.4	457.9	357.9	269.4	196.3	144.3	100.1	67.3	44.3	28.9	17.3
-40°	492.6	411.7	317.5	246.3	184.7	132.8	92.4	65.4	44.3	28.9	17.3
-42.5°	442.5	367.5	292.5	227.0	173.2	125.1	86.6	63.5	42.3	28.9	17.3
-45°	398.3	329.0	267.4	209.7	159.7	115.4	82.7	59.6	40.4	28.9	19.2
-47.5°	354.0	302.1	244.4	194.3	146.2	103.9	78.9	57.7	38.5	26.9	19.2
-50°	319.4	273.2	225.1	177.0	132.8	100.1	75.0	53.9	38.5	26.9	19.2
-52.5°	288.6	246.3	203.9	159.7	121.2	94.3	71.2	50.0	36.6	26.9	19.2
-55°	259.7	221.3	182.8	142.4	113.5	88.5	65.4	46.2	36.6	26.9	19.2
-57.5°	230.9	198.2	161.6	128.9	103.9	82.7	61.6	46.2	36.6	26.9	19.2
-60°	207.8	177.0	146.2	119.3	96.2	75.0	55.8	44.3	34.6	26.9	19.2
-62.5°	188.6	159.7	132.8	107.7	88.5	67.3	53.9	44.3	34.6	26.9	17.3
-65°	169.3	144.3	119.3	98.1	78.9	63.5	51.9	42.3	34.6	26.9	17.3
-67.5°	150.1	127.0	107.7	86.6	73.1	61.6	50.0	42.3	32.7	25.0	17.3
-70°	130.8	111.6	94.3	80.8	69.3	57.7	48.1	40.4	32.7	23.1	15.4
-72.5°	115.4	98.1	84.7	75.0	65.4	55.8	46.2	38.5	30.8	21.2	13.5
-75°	98.1	86.6	77.0	67.3	59.6	51.9	44.3	34.6	26.9	19.2	13.5
-77.5°	82.7	75.0	67.3	61.6	53.9	46.2	38.5	30.8	25.0	17.3	11.5
-80°	71.2	65.4	59.6	53.9	48.1	40.4	34.6	26.9	21.2	15.4	9.6
-82.5°	57.7	53.9	48.1	44.3	40.4	34.6	28.9	23.1	15.4	11.5	7.7
-85°	44.3	40.4	38.5	34.6	30.8	25.0	19.2	15.4	11.5	7.7	3.8
-87.5°	23.1	21.2	19.2	17.3	15.4	11.5	9.6	7.7	5.8	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: P722670

CATALOG NUMBER: IFLD-M-SA4A-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°	5.8	1.9	1.9	0.0
55°	5.8	1.9	1.9	0.0
52.5°	5.8	1.9	1.9	0.0
50°	5.8	3.8	1.9	0.0
47.5°	5.8	3.8	1.9	0.0
45°	5.8	3.8	1.9	0.0
42.5°	5.8	3.8	1.9	0.0
40°	7.7	3.8	1.9	0.0
37.5°	7.7	3.8	1.9	0.0
35°	7.7	3.8	1.9	0.0
32.5°	7.7	3.8	1.9	0.0
30°	7.7	3.8	1.9	0.0
27.5°	7.7	5.8	1.9	0.0
25°	7.7	5.8	1.9	0.0
22.5°	9.6	5.8	1.9	0.0
20°	9.6	5.8	1.9	0.0
17.5°	9.6	5.8	1.9	0.0
15°	9.6	5.8	1.9	0.0
12.5°	9.6	5.8	1.9	0.0
10°	9.6	5.8	1.9	0.0
7.5°	9.6	5.8	1.9	0.0
5°	9.6	5.8	1.9	0.0
2.5°	9.6	5.8	1.9	0.0
0°	9.6	5.8	1.9	0.0
-2.5°	9.6	5.8	1.9	0.0
-5°	9.6	5.8	1.9	0.0
-7.5°	9.6	5.8	1.9	0.0
-10°	9.6	5.8	1.9	0.0
-12.5°	11.5	5.8	1.9	0.0
-15°	11.5	5.8	1.9	0.0
-17.5°	11.5	5.8	1.9	0.0
-20°	11.5	5.8	1.9	0.0

REPORT NUMBER: P722670

CATALOG NUMBER: IFLD-M-SA4A-930-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	11.5	5.8	1.9	0.0
-25°	11.5	5.8	1.9	0.0
-27.5°	11.5	5.8	1.9	0.0
-30°	11.5	5.8	1.9	0.0
-32.5°	11.5	5.8	1.9	0.0
-35°	11.5	5.8	1.9	0.0
-37.5°	11.5	5.8	1.9	0.0
-40°	11.5	5.8	1.9	0.0
-42.5°	9.6	5.8	1.9	0.0
-45°	11.5	5.8	1.9	0.0
-47.5°	11.5	5.8	1.9	0.0
-50°	11.5	5.8	1.9	0.0
-52.5°	11.5	5.8	1.9	0.0
-55°	11.5	5.8	1.9	0.0
-57.5°	11.5	5.8	1.9	0.0
-60°	11.5	5.8	1.9	0.0
-62.5°	9.6	5.8	1.9	0.0
-65°	9.6	3.8	1.9	0.0
-67.5°	9.6	3.8	1.9	0.0
-70°	9.6	3.8	1.9	0.0
-72.5°	7.7	3.8	1.9	0.0
-75°	7.7	3.8	1.9	0.0
-77.5°	5.8	1.9	0.0	0.0
-80°	5.8	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)