

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: P722446

Luminaire Tested: **IFLD-L-SA7D-730-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722446
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7D-730-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens with Visor
Light Source: (112) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

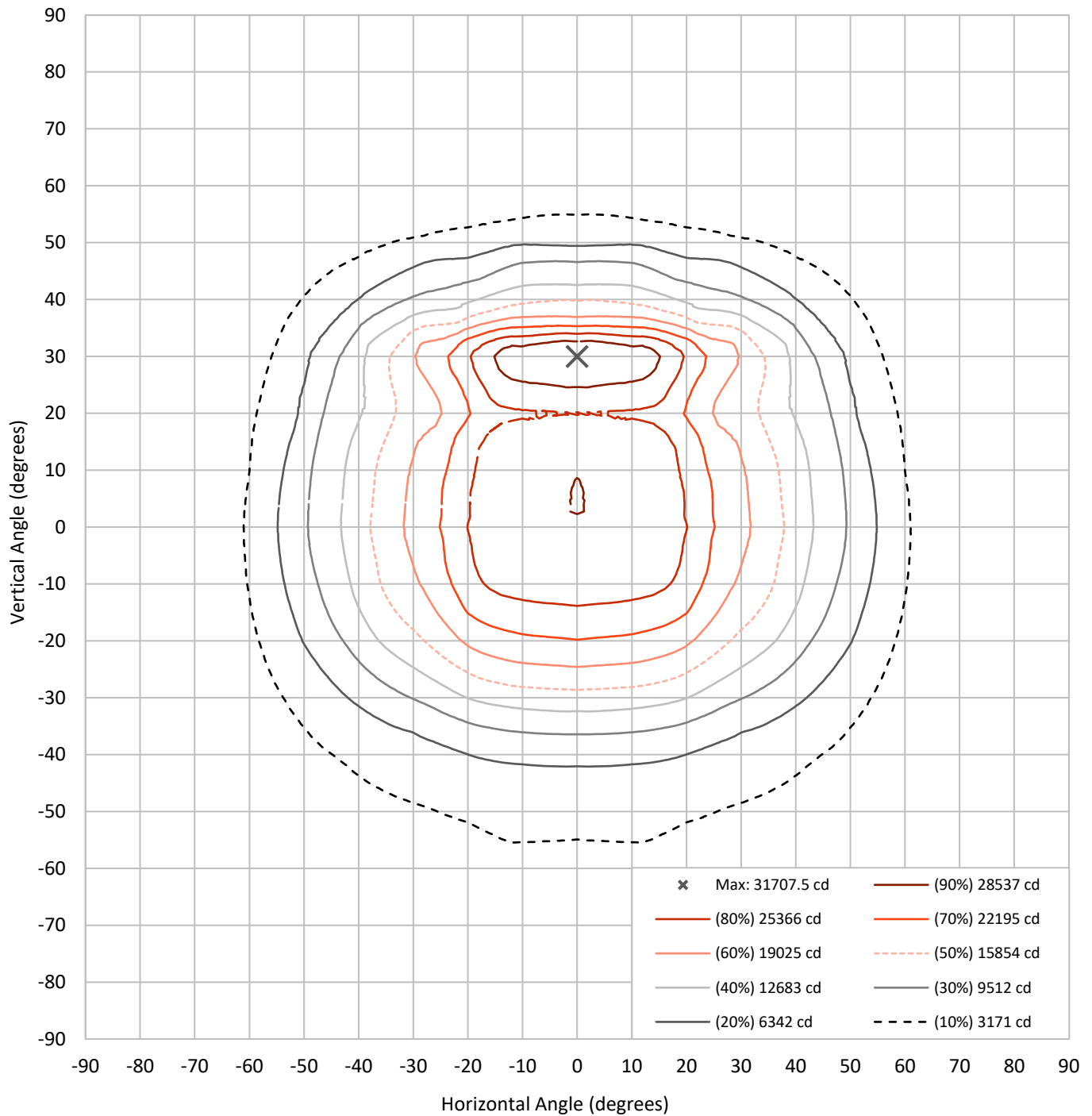
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	45418.9 lumens	Max Intensity:	31707.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	107.5 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	68.6°H x 68.4°V	Field Angle (10%):	111.9°H x 109.7°V
Beam Lumens:	28975.3 lumens	Field Lumens:	42819.9 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

Input Watts (W): 422.6
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: P722446
CATALOG NUMBER: IFLD-L-SA7D-730-U-76-VI

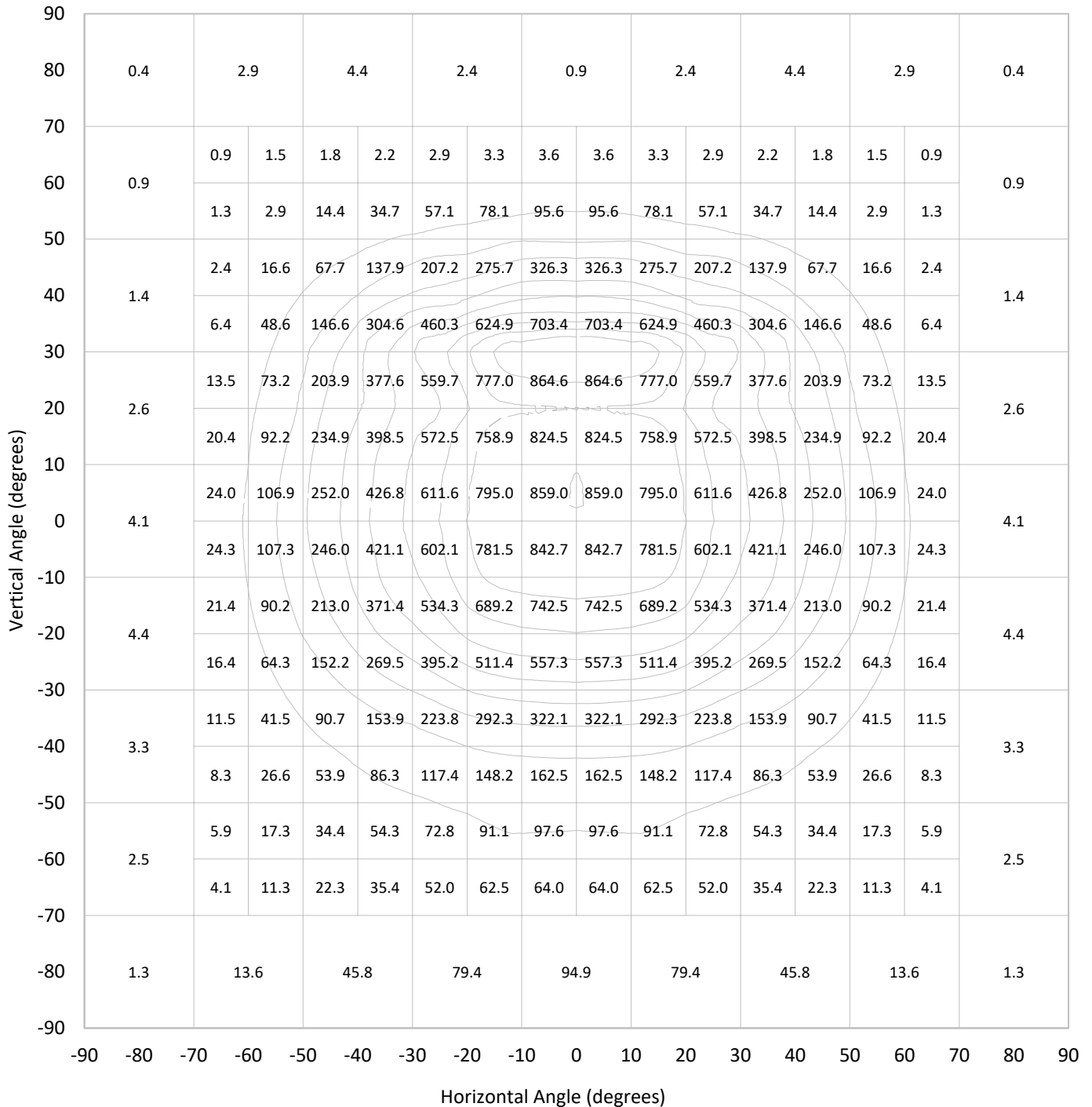
Iso-Candela Plot





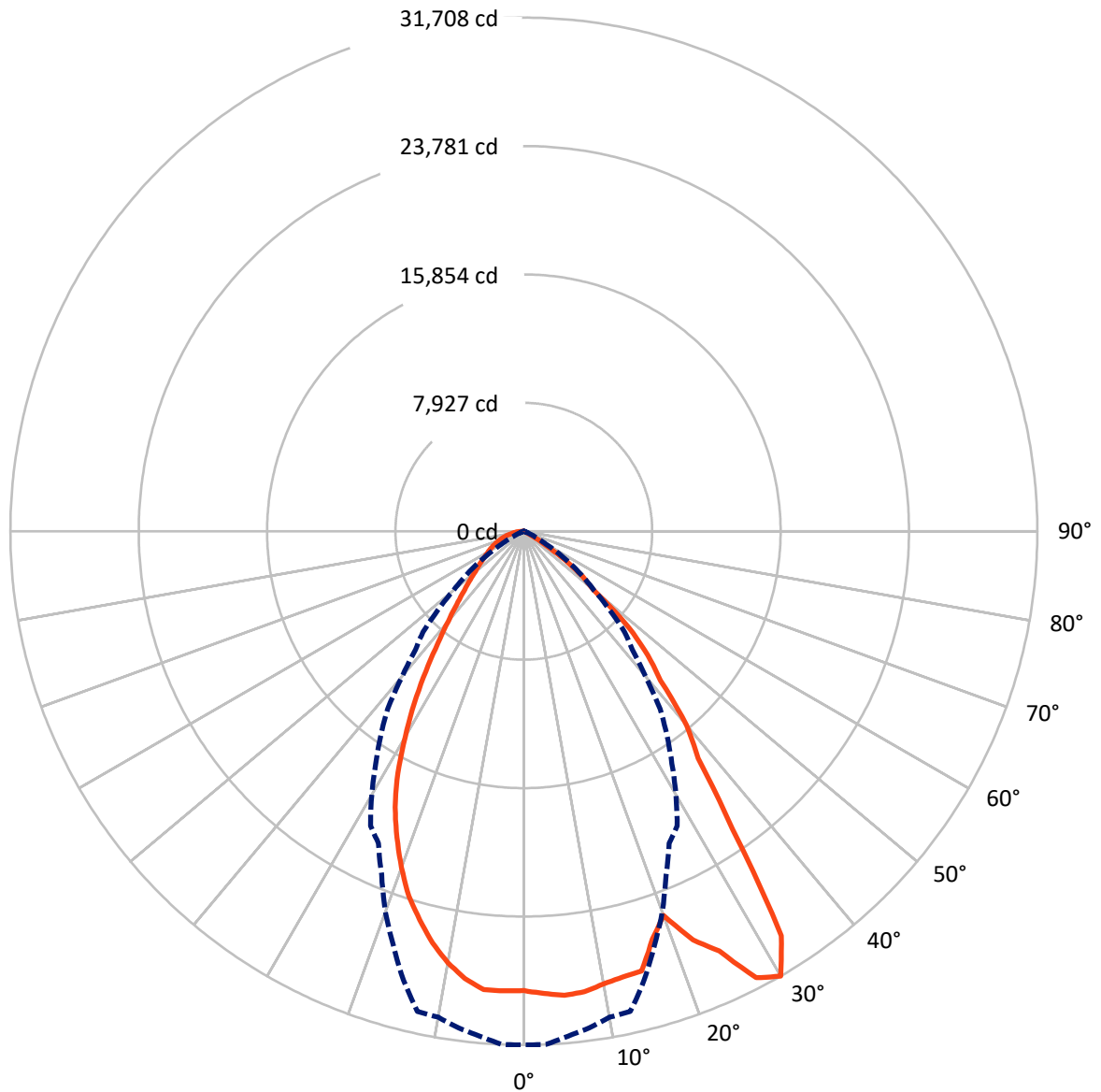
REPORT NUMBER: P722446
 CATALOG NUMBER: IFLD-L-SA7D-730-U-76-VI

Lumen Table



REPORT NUMBER: P722446
CATALOG NUMBER: IFLD-L-SA7D-730-U-76-VI

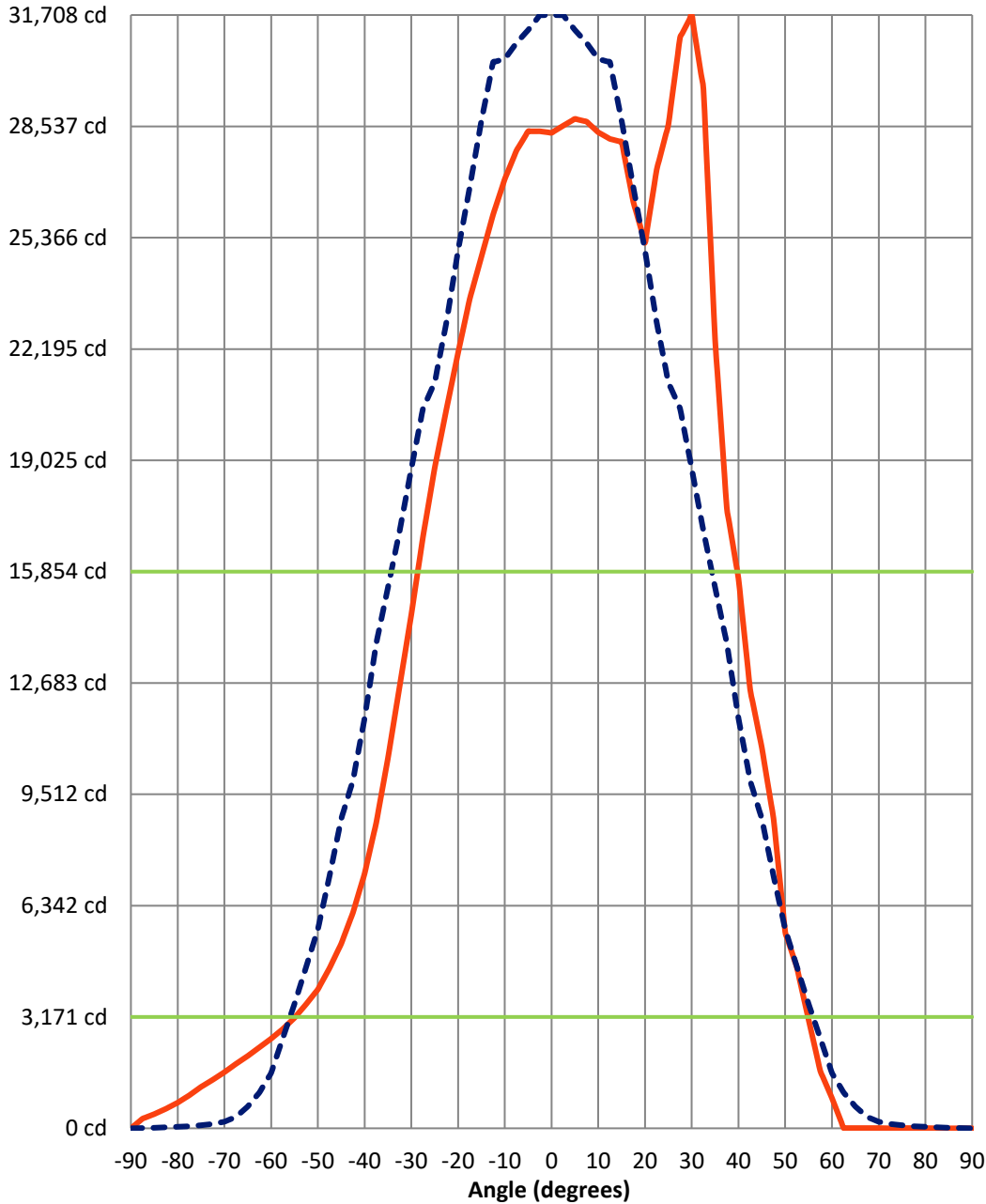
Luminous Intensity Polar Plot



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

REPORT NUMBER: P722446
 CATALOG NUMBER: IFLD-L-SA7D-730-U-76-VI

Luminous Intensity Plot



Beam:
 H Angle: 68.6°
 V Angle: 68.4°
 Lumens: 28975.3
 Efficiency: 63.8%

Field:
 H Angle: 111.9°
 V Angle: 109.7°
 Lumens: 42819.9
 Efficiency: 94.3%

Spill:
 Lumens: 2599.1
 Efficiency: 5.7%

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



REPORT NUMBER: P722446
 CATALOG NUMBER: IFLD-L-SA7D-730-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	7.2	7.2	7.2	7.2	7.2	7.2	7.2
85°	0.0	7.2	7.2	7.2	14.5	14.5	14.5	14.5	14.5	14.5	21.7
82.5°	0.0	7.2	7.2	7.2	14.5	14.5	14.5	14.5	21.7	21.7	28.9
80°	7.2	7.2	7.2	7.2	14.5	14.5	14.5	21.7	21.7	28.9	28.9
77.5°	7.2	7.2	7.2	14.5	14.5	14.5	21.7	21.7	28.9	28.9	36.2
75°	7.2	7.2	7.2	14.5	14.5	21.7	21.7	21.7	28.9	28.9	36.2
72.5°	0.0	7.2	7.2	14.5	14.5	21.7	21.7	21.7	28.9	28.9	28.9
70°	7.2	7.2	7.2	14.5	14.5	21.7	21.7	21.7	28.9	28.9	28.9
67.5°	7.2	7.2	7.2	14.5	14.5	21.7	21.7	28.9	28.9	28.9	36.2
65°	7.2	7.2	7.2	14.5	21.7	21.7	28.9	36.2	36.2	43.4	50.6
62.5°	7.2	14.5	14.5	21.7	28.9	36.2	79.5	122.9	122.9	86.8	72.3
60°	860.5	932.8	925.6	838.8	730.3	614.6	592.9	571.2	527.9	462.8	484.5
57.5°	1634.2	1721.0	1757.1	1735.4	1677.6	1576.3	1518.5	1453.4	1366.6	1265.4	1149.7
55°	3094.8	3131.0	3051.4	2899.6	2733.3	2567.0	2509.1	2422.3	2292.2	2162.0	1988.5
52.5°	4577.2	4700.1	4663.9	4512.1	4287.9	3991.5	3666.1	3413.0	3261.1	3116.5	2943.0
50°	5589.5	5640.1	5741.3	5922.1	5987.2	5784.7	5256.9	4577.2	4092.7	4338.5	4150.5
47.5°	8821.7	9074.8	9024.2	8894.0	8677.1	8127.5	7390.0	6782.6	6276.4	6110.1	6139.0
45°	10839.1	10940.3	10904.2	10846.3	10745.1	10231.7	9414.6	8481.8	8011.8	7823.8	7628.6
42.5°	12495.0	12603.4	12625.1	12632.4	12523.9	12053.9	11316.3	10383.6	9913.6	9371.2	8944.6
40°	15654.9	15814.0	15633.2	15394.6	15033.0	14497.9	13774.8	12914.4	12082.8	11417.6	10911.4
37.5°	17672.3	17867.5	17939.8	17925.4	17845.8	17614.5	16725.1	15908.0	14635.3	13145.8	13413.3
35°	22459.2	22661.6	22603.8	22386.8	22271.1	22025.3	21157.6	20188.7	18590.6	16970.9	16537.1
32.5°	29596.0	30037.1	29212.8	28308.9	27752.2	27947.4	27065.2	24693.5	23955.9	21034.7	19682.5
30°	31707.5	31700.2	31280.8	30912.1	30456.5	30362.5	28699.4	26804.9	24997.2	22950.9	21244.4
27.5°	31063.9	30933.8	30579.4	30311.9	29885.3	29661.1	28034.2	26530.1	24440.4	22611.0	20962.4
25°	28583.7	28684.9	28323.4	28272.8	28106.5	27672.6	26862.8	25170.7	23305.2	21280.5	20094.6
22.5°	27303.8	27267.7	26833.8	26580.8	26783.2	26320.4	25995.1	24288.6	22343.5	20637.0	19212.5
20°	25221.4	25228.6	25120.1	25098.4	24975.5	24765.8	24505.5	23297.9	21924.1	20463.4	18749.7
17.5°	26385.5	26682.0	26812.1	25734.7	26038.4	25799.8	25525.0	23840.3	22806.2	21511.9	19277.6
15°	28092.0	27983.6	27853.4	27795.5	27629.2	27405.1	26906.2	25561.2	23782.4	22444.7	20702.0
12.5°	28178.8	27969.1	27918.5	27911.2	27737.7	27426.8	26942.3	25828.7	24252.4	22625.5	21208.2
10°	28366.8	28149.9	28120.9	28157.1	27889.6	27694.3	27209.8	26175.8	24397.0	22936.4	21598.7
7.5°	28670.5	28308.9	28475.3	28366.8	28243.9	27932.9	27412.3	26400.0	24924.9	23348.6	21945.8
5°	28750.0	28352.3	28533.1	28431.9	28251.1	27947.4	27383.4	26544.6	25250.3	23514.9	22083.1
2.5°	28554.8	28439.1	28359.6	28171.6	28092.0	27759.4	27224.3	26327.7	25098.4	23442.6	22054.2
0°	28352.3	28453.6	28272.8	28084.8	28048.6	27781.1	27325.5	26515.7	25452.7	23645.0	22300.1
-2.5°	28395.7	28316.2	28193.2	27998.0	27810.0	27426.8	27014.6	26255.4	25112.9	23203.9	21953.0
-5°	28395.7	28026.9	28041.4	28048.6	27860.6	27462.9	26964.0	26320.4	24910.4	23196.7	21851.8
-7.5°	27846.2	27528.0	27477.4	27434.0	27383.4	27014.6	26624.1	25821.5	24570.6	23008.7	21569.8
-10°	27036.3	26725.4	26754.3	26689.2	26530.1	26284.3	25987.8	25264.7	24238.0	22415.8	20998.5
-12.5°	26024.0	25886.6	25807.1	25698.6	25539.5	25322.6	25018.9	24339.2	23240.1	21685.4	20340.5
-15°	24823.7	24722.4	24650.1	24585.0	24353.6	24129.5	23731.8	23102.7	22415.8	20745.4	19371.6
-17.5°	23623.3	23370.2	23269.0	23182.2	23030.4	22668.8	22307.3	21837.3	20875.6	19552.3	18373.7
-20°	22083.1	21931.3	21808.4	21692.7	21475.7	21193.7	20897.3	20355.0	19523.4	18453.2	17231.2



REPORT NUMBER: P722446
 CATALOG NUMBER: IFLD-L-SA7D-730-U-76-VI

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	20470.7	20383.9	20282.7	20138.0	19993.4	19725.9	19313.7	18793.1	18142.3	16985.4	15842.9
-25°	18807.6	18641.2	18518.3	18380.9	18265.2	18019.4	17621.7	17122.8	16305.7	15307.8	14353.3
-27.5°	16848.0	16688.9	16623.8	16464.7	16363.5	16139.4	15741.7	15278.9	14541.3	13702.5	12733.6
-30°	14635.3	14664.2	14591.9	14440.1	14317.2	14027.9	13724.2	13333.8	12755.3	11952.7	11085.0
-32.5°	12589.0	12625.1	12538.4	12379.3	12220.2	12010.5	11728.5	11374.2	10940.3	10173.9	9421.9
-35°	10542.6	10528.2	10455.9	10361.9	10253.4	10079.9	9761.7	9494.2	8995.2	8460.1	7939.5
-37.5°	8706.0	8742.1	8720.5	8669.8	8546.9	8402.3	8142.0	7896.1	7527.4	7057.4	6652.4
-40°	7252.6	7296.0	7267.0	7216.4	7108.0	7021.2	6847.7	6630.7	6334.3	5929.3	5589.5
-42.5°	6139.0	6168.0	6131.8	6088.4	5994.4	5929.3	5791.9	5611.2	5365.3	5054.4	4750.7
-45°	5256.9	5264.1	5227.9	5199.0	5126.7	5047.2	4931.5	4786.9	4591.6	4374.7	4128.8
-47.5°	4562.7	4555.5	4519.3	4490.4	4432.5	4360.2	4266.2	4136.1	3984.2	3817.9	3622.7
-50°	3955.3	3991.5	3977.0	3948.1	3904.7	3854.1	3760.1	3622.7	3470.8	3347.9	3210.5
-52.5°	3535.9	3543.1	3535.9	3535.9	3528.7	3492.5	3384.1	3246.7	3080.4	2971.9	2856.2
-55°	3145.4	3181.6	3196.1	3210.5	3217.7	3217.7	3087.6	2943.0	2783.9	2675.4	2588.7
-57.5°	2827.3	2849.0	2863.4	2899.6	2928.5	2950.2	2834.5	2704.4	2581.4	2480.2	2400.7
-60°	2552.5	2581.4	2603.1	2639.3	2661.0	2675.4	2603.1	2516.4	2444.0	2379.0	2263.3
-62.5°	2306.7	2328.3	2350.0	2371.7	2393.4	2407.9	2379.0	2335.6	2299.4	2270.5	2125.9
-65°	2060.8	2082.5	2104.2	2133.1	2154.8	2169.3	2162.0	2133.1	2104.2	2075.3	1945.1
-67.5°	1836.6	1858.3	1887.3	1894.5	1909.0	1916.2	1901.7	1880.0	1843.9	1807.7	1706.5
-70°	1598.0	1612.5	1627.0	1627.0	1627.0	1619.7	1605.3	1576.3	1540.2	1489.6	1410.0
-72.5°	1381.1	1395.6	1410.0	1388.3	1373.9	1352.2	1330.5	1294.3	1258.2	1222.0	1178.6
-75°	1178.6	1185.9	1185.9	1156.9	1135.3	1113.6	1084.6	1062.9	1026.8	997.9	961.7
-77.5°	940.0	940.0	940.0	918.3	903.9	889.4	867.7	846.0	817.1	795.4	766.5
-80°	730.3	730.3	730.3	723.1	701.4	686.9	672.5	658.0	636.3	621.9	607.4
-82.5°	556.8	556.8	556.8	549.5	535.1	527.9	513.4	498.9	491.7	477.2	470.0
-85°	404.9	412.2	412.2	404.9	397.7	383.2	376.0	368.8	361.5	354.3	339.9
-87.5°	274.8	274.8	274.8	267.5	260.3	260.3	253.1	238.6	224.2	216.9	209.7
-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: P722446
 CATALOG NUMBER: IFLD-L-SA7D-730-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°	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
85°	21.7	21.7	21.7	28.9	28.9	28.9	28.9	28.9	28.9	28.9	21.7
82.5°	36.2	36.2	43.4	43.4	50.6	50.6	50.6	50.6	50.6	50.6	50.6
80°	36.2	43.4	50.6	57.8	65.1	72.3	72.3	72.3	72.3	65.1	65.1
77.5°	43.4	43.4	50.6	57.8	65.1	72.3	79.5	86.8	79.5	79.5	79.5
75°	43.4	50.6	50.6	57.8	65.1	72.3	79.5	86.8	86.8	86.8	86.8
72.5°	36.2	43.4	50.6	57.8	57.8	65.1	72.3	72.3	79.5	79.5	86.8
70°	36.2	43.4	50.6	50.6	57.8	57.8	65.1	72.3	72.3	79.5	79.5
67.5°	43.4	50.6	50.6	57.8	65.1	65.1	65.1	72.3	72.3	79.5	79.5
65°	50.6	57.8	57.8	65.1	72.3	72.3	79.5	79.5	79.5	86.8	86.8
62.5°	86.8	86.8	86.8	79.5	86.8	86.8	86.8	94.0	94.0	86.8	94.0
60°	448.3	325.4	224.2	282.0	253.1	115.7	115.7	115.7	108.5	108.5	101.2
57.5°	1055.7	983.4	846.0	715.9	643.5	571.2	354.3	144.6	144.6	130.2	115.7
55°	1764.3	1525.7	1424.5	1250.9	1062.9	976.2	809.9	549.5	260.3	173.5	151.8
52.5°	2733.3	2509.1	2248.8	1894.5	1641.4	1438.9	1301.6	1034.0	694.2	368.8	231.4
50°	3658.8	3557.6	3398.5	3051.4	2523.6	2183.7	1959.6	1655.9	1243.7	759.2	433.9
47.5°	5893.2	5047.2	4533.8	4266.2	3825.1	3181.6	2747.7	2407.9	1909.0	1279.9	766.5
45°	7418.9	6883.8	6066.7	5502.7	4851.9	4172.2	3608.2	3217.7	2624.8	1916.2	1200.3
42.5°	8727.7	8264.9	7527.4	6703.0	6016.1	5126.7	4403.6	3890.2	3391.3	2617.6	1793.3
40°	10412.5	9862.9	9154.3	8351.7	7549.1	6413.8	5242.4	4620.5	4071.0	3384.1	2422.3
37.5°	13189.1	12220.2	11063.3	10173.9	9125.4	8163.7	6558.4	5459.3	4808.5	4092.7	3159.9
35°	16529.8	15466.9	13536.2	12357.6	10954.8	9523.1	8076.9	6450.0	5524.4	4765.2	3839.6
32.5°	19639.1	18084.5	15611.5	14230.4	13297.6	10658.3	9161.5	7751.5	6262.0	5329.2	4230.1
30°	20499.6	18785.9	17014.3	15401.8	13811.0	11677.9	9906.3	8807.2	7187.5	5669.0	4598.8
27.5°	19631.9	18453.2	17079.4	15582.6	13861.6	12032.2	10361.9	9313.4	7867.2	5900.4	4888.1
25°	18749.7	17520.5	16558.7	15307.8	13717.0	12010.5	10376.3	9631.5	8395.1	6348.7	5047.2
22.5°	17816.9	17050.4	16255.0	14859.5	13355.5	12075.6	10846.3	9906.3	8669.8	6854.9	5112.2
20°	17867.5	17368.6	16493.7	14628.1	13290.4	12458.8	11410.3	10253.4	8966.3	7296.0	5162.9
17.5°	18677.4	18026.6	16927.5	15307.8	13876.1	12849.3	11880.4	10730.6	9270.0	7686.4	5777.5
15°	19675.3	18684.6	17534.9	16110.4	14490.7	13275.9	12241.9	11063.3	9617.1	8048.0	6327.0
12.5°	20398.3	18988.3	17910.9	16623.8	15156.0	13738.7	12480.5	11316.3	9942.5	8344.4	6739.2
10°	20644.2	19364.3	18091.7	16942.0	15495.8	13984.5	12661.3	11475.4	10224.5	8575.8	7042.9
7.5°	20774.4	19689.7	18214.6	17086.6	15698.3	14136.4	12805.9	11562.2	10448.6	8734.9	7238.1
5°	20759.9	19863.3	18308.6	17130.0	15806.7	14201.5	12907.1	11583.9	10607.7	8872.3	7353.8
2.5°	20694.8	19979.0	18460.5	17202.3	16023.7	14324.4	13102.4	11627.3	10665.6	9024.2	7433.4
0°	20933.4	19986.2	18619.5	17224.0	16168.3	14367.8	13189.1	11591.1	10586.0	9067.5	7426.1
-2.5°	20420.0	19559.6	18583.4	17036.0	15973.0	14266.6	13030.1	11475.4	10412.5	9016.9	7397.2
-5°	20333.3	19248.6	18279.7	16862.4	15647.7	14056.9	12733.6	11258.5	10137.7	8850.6	7281.5
-7.5°	20101.9	18952.2	17983.2	16725.1	15344.0	13839.9	12451.6	11034.3	9841.2	8590.3	7115.2
-10°	19595.7	18496.6	17665.1	16428.6	14975.2	13529.0	12111.7	10737.9	9494.2	8236.0	6854.9
-12.5°	18872.6	17773.5	16949.2	15799.5	14512.4	13109.6	11706.8	10354.6	9096.5	7860.0	6544.0
-15°	18055.5	16942.0	16117.7	15069.2	13825.5	12458.8	11193.4	9870.2	8640.9	7462.3	6175.2
-17.5°	17130.0	16074.3	15278.9	14259.3	13022.8	11721.3	10463.1	9262.8	8113.1	7050.1	5748.6
-20°	16059.8	15033.0	14302.7	13283.1	12147.9	10882.5	9660.5	8525.2	7491.2	6493.3	5278.6



REPORT NUMBER: P722446

CATALOG NUMBER: IFLD-L-SA7D-730-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°	14736.6	13832.7	13001.1	12090.1	11099.4	9942.5	8807.2	7802.1	6811.5	5835.3	4794.1
-25°	13384.4	12509.4	11699.6	10868.0	9920.8	8922.9	7954.0	7042.9	6073.9	5191.8	4324.1
-27.5°	11880.4	11099.4	10376.3	9609.9	8742.1	7881.7	7086.3	6196.9	5358.1	4606.1	3861.3
-30°	10275.1	9638.8	9009.7	8330.0	7628.6	6905.5	6196.9	5358.1	4700.1	4099.9	3470.8
-32.5°	8734.9	8163.7	7657.5	7151.4	6544.0	5951.0	5321.9	4700.1	4150.5	3622.7	3094.8
-35°	7382.7	6775.3	6493.3	6088.4	5603.9	5068.9	4555.5	4121.6	3680.5	3203.3	2733.3
-37.5°	6211.3	5820.9	5488.2	5184.5	4801.3	4338.5	3969.8	3615.4	3246.7	2812.8	2407.9
-40°	5293.0	5011.0	4678.4	4454.2	4143.3	3810.7	3441.9	3145.4	2834.5	2480.2	2147.6
-42.5°	4555.5	4324.1	4107.1	3868.5	3637.1	3355.1	3037.0	2755.0	2473.0	2212.7	1937.9
-45°	3948.1	3781.8	3608.2	3413.0	3210.5	2964.7	2704.4	2415.1	2212.7	1981.3	1749.9
-47.5°	3449.1	3326.2	3181.6	3029.7	2856.2	2639.3	2400.7	2191.0	1981.3	1786.0	1561.9
-50°	3051.4	2935.7	2820.0	2689.9	2538.0	2350.0	2169.3	1974.0	1778.8	1590.8	1381.1
-52.5°	2718.8	2617.6	2523.6	2415.1	2270.5	2111.4	1945.1	1771.6	1590.8	1402.8	1236.5
-55°	2487.4	2371.7	2277.7	2169.3	2039.1	1887.3	1735.4	1576.3	1402.8	1258.2	1120.8
-57.5°	2299.4	2169.3	2060.8	1945.1	1815.0	1684.8	1547.4	1402.8	1272.6	1135.3	1005.1
-60°	2140.3	1988.5	1865.6	1749.9	1627.0	1504.0	1388.3	1265.4	1142.5	1019.6	889.4
-62.5°	1974.0	1815.0	1663.1	1554.6	1460.6	1352.2	1250.9	1135.3	1026.8	903.9	809.9
-65°	1786.0	1634.2	1489.6	1395.6	1308.8	1214.8	1120.8	1019.6	925.6	831.6	744.8
-67.5°	1576.3	1446.2	1344.9	1258.2	1171.4	1091.9	1005.1	918.3	838.8	744.8	658.0
-70°	1323.3	1250.9	1193.1	1128.0	1048.5	976.2	896.6	817.1	730.3	650.8	571.2
-72.5°	1128.0	1084.6	1041.2	976.2	903.9	838.8	773.7	701.4	629.1	556.8	491.7
-75°	925.6	889.4	853.2	809.9	752.0	701.4	643.5	578.5	520.6	470.0	419.4
-77.5°	744.8	715.9	694.2	658.0	614.6	571.2	535.1	491.7	448.3	397.7	347.1
-80°	592.9	578.5	571.2	556.8	520.6	484.5	455.5	419.4	376.0	339.9	303.7
-82.5°	462.8	462.8	455.5	448.3	419.4	390.5	368.8	339.9	310.9	282.0	245.9
-85°	339.9	332.6	332.6	325.4	303.7	289.2	267.5	253.1	231.4	202.5	188.0
-87.5°	202.5	195.2	188.0	180.8	166.3	159.1	144.6	137.4	122.9	108.5	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: P722446
 CATALOG NUMBER: IFLD-L-SA7D-730-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°	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	0.0	0.0
85°	21.7	14.5	14.5	14.5	14.5	14.5	7.2	7.2	7.2	7.2	7.2
82.5°	43.4	43.4	36.2	36.2	28.9	21.7	14.5	14.5	14.5	7.2	7.2
80°	65.1	65.1	65.1	57.8	50.6	36.2	28.9	21.7	14.5	7.2	7.2
77.5°	79.5	72.3	72.3	65.1	65.1	57.8	43.4	36.2	21.7	14.5	7.2
75°	79.5	79.5	79.5	72.3	72.3	65.1	57.8	43.4	36.2	21.7	14.5
72.5°	86.8	79.5	79.5	79.5	72.3	65.1	57.8	50.6	43.4	28.9	14.5
70°	79.5	79.5	79.5	79.5	72.3	72.3	57.8	50.6	50.6	28.9	21.7
67.5°	79.5	79.5	79.5	72.3	72.3	65.1	57.8	50.6	50.6	36.2	21.7
65°	86.8	79.5	79.5	79.5	72.3	65.1	57.8	50.6	50.6	43.4	28.9
62.5°	94.0	86.8	86.8	79.5	72.3	65.1	57.8	50.6	50.6	43.4	28.9
60°	101.2	94.0	86.8	86.8	79.5	72.3	57.8	57.8	50.6	43.4	28.9
57.5°	108.5	101.2	101.2	94.0	86.8	79.5	65.1	57.8	50.6	43.4	36.2
55°	130.2	115.7	108.5	108.5	101.2	86.8	72.3	57.8	50.6	43.4	36.2
52.5°	173.5	137.4	122.9	122.9	115.7	101.2	79.5	65.1	50.6	43.4	36.2
50°	274.8	173.5	144.6	130.2	130.2	115.7	94.0	72.3	50.6	43.4	36.2
47.5°	433.9	289.2	173.5	151.8	144.6	137.4	108.5	72.3	57.8	43.4	36.2
45°	715.9	426.6	282.0	180.8	151.8	144.6	122.9	79.5	57.8	50.6	36.2
42.5°	983.4	665.2	433.9	216.9	180.8	159.1	130.2	86.8	65.1	50.6	36.2
40°	1547.4	911.1	607.4	354.3	209.7	166.3	144.6	101.2	65.1	50.6	36.2
37.5°	2097.0	1207.6	817.1	520.6	238.6	188.0	151.8	108.5	72.3	50.6	43.4
35°	2646.5	1692.0	1012.3	694.2	318.2	224.2	159.1	115.7	72.3	50.6	43.4
32.5°	3138.2	2147.6	1214.8	867.7	477.2	267.5	173.5	122.9	79.5	57.8	43.4
30°	3543.1	2567.0	1576.3	1019.6	621.9	325.4	188.0	122.9	86.8	57.8	43.4
27.5°	3846.8	2892.4	1945.1	1178.6	744.8	383.2	216.9	137.4	86.8	57.8	43.4
25°	4092.7	3145.4	2270.5	1344.9	853.2	477.2	260.3	144.6	94.0	65.1	43.4
22.5°	4287.9	3355.1	2538.0	1569.1	983.4	571.2	318.2	159.1	94.0	65.1	43.4
20°	4555.5	3564.8	2718.8	1807.7	1120.8	658.0	368.8	173.5	94.0	65.1	50.6
17.5°	4786.9	3774.5	2863.4	2010.2	1258.2	723.1	426.6	188.0	101.2	65.1	50.6
15°	5054.4	3977.0	2993.6	2169.3	1388.3	780.9	477.2	202.5	101.2	72.3	50.6
12.5°	5343.6	4165.0	3087.6	2299.4	1525.7	831.6	520.6	231.4	108.5	72.3	50.6
10°	5640.1	4324.1	3167.1	2393.4	1627.0	882.2	549.5	260.3	115.7	72.3	50.6
7.5°	5936.6	4468.7	3268.4	2436.8	1670.3	940.0	564.0	289.2	115.7	79.5	50.6
5°	6139.0	4562.7	3413.0	2465.7	1692.0	1005.1	585.7	325.4	122.9	79.5	50.6
2.5°	6312.6	4620.5	3564.8	2487.4	1699.3	1041.2	578.5	347.1	130.2	79.5	50.6
0°	6392.1	4620.5	3666.1	2473.0	1677.6	1077.4	578.5	368.8	130.2	79.5	50.6
-2.5°	6269.2	4750.7	3637.1	2480.2	1684.8	1077.4	607.4	376.0	144.6	86.8	50.6
-5°	6073.9	4801.3	3550.4	2444.0	1670.3	1077.4	643.5	383.2	151.8	86.8	57.8
-7.5°	5885.9	4823.0	3449.1	2407.9	1648.6	1048.5	650.8	376.0	166.3	94.0	57.8
-10°	5640.1	4584.4	3319.0	2342.8	1605.3	1026.8	665.2	376.0	173.5	94.0	57.8
-12.5°	5358.1	4295.1	3159.9	2248.8	1554.6	1005.1	672.5	376.0	180.8	101.2	57.8
-15°	5032.7	3998.7	2979.1	2147.6	1482.3	976.2	658.0	368.8	188.0	101.2	65.1
-17.5°	4663.9	3709.4	2791.1	2024.6	1402.8	940.0	629.1	361.5	188.0	101.2	65.1
-20°	4244.5	3420.2	2581.4	1901.7	1308.8	896.6	600.2	347.1	188.0	101.2	65.1



REPORT NUMBER: P722446

CATALOG NUMBER: IFLD-L-SA7D-730-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	3868.5	3152.7	2364.5	1764.3	1207.6	846.0	564.0	332.6	188.0	108.5	65.1
-25°	3557.6	2892.4	2198.2	1627.0	1099.1	788.2	527.9	318.2	188.0	108.5	65.1
-27.5°	3232.2	2610.4	2024.6	1496.8	1026.8	737.6	491.7	303.7	180.8	108.5	65.1
-30°	2899.6	2335.6	1843.9	1352.2	954.5	686.9	462.8	282.0	180.8	108.5	65.1
-32.5°	2595.9	2111.4	1677.6	1207.6	874.9	636.3	433.9	274.8	173.5	108.5	65.1
-35°	2299.4	1909.0	1504.0	1091.9	788.2	585.7	404.9	267.5	173.5	108.5	65.1
-37.5°	2053.6	1721.0	1344.9	1012.3	737.6	542.3	376.0	253.1	166.3	108.5	65.1
-40°	1851.1	1547.4	1193.1	925.6	694.2	498.9	347.1	245.9	166.3	108.5	65.1
-42.5°	1663.1	1381.1	1099.1	853.2	650.8	470.0	325.4	238.6	159.1	108.5	65.1
-45°	1496.8	1236.5	1005.1	788.2	600.2	433.9	310.9	224.2	151.8	108.5	72.3
-47.5°	1330.5	1135.3	918.3	730.3	549.5	390.5	296.5	216.9	144.6	101.2	72.3
-50°	1200.3	1026.8	846.0	665.2	498.9	376.0	282.0	202.5	144.6	101.2	72.3
-52.5°	1084.6	925.6	766.5	600.2	455.5	354.3	267.5	188.0	137.4	101.2	72.3
-55°	976.2	831.6	686.9	535.1	426.6	332.6	245.9	173.5	137.4	101.2	72.3
-57.5°	867.7	744.8	607.4	484.5	390.5	310.9	231.4	173.5	137.4	101.2	72.3
-60°	780.9	665.2	549.5	448.3	361.5	282.0	209.7	166.3	130.2	101.2	72.3
-62.5°	708.6	600.2	498.9	404.9	332.6	253.1	202.5	166.3	130.2	101.2	65.1
-65°	636.3	542.3	448.3	368.8	296.5	238.6	195.2	159.1	130.2	101.2	65.1
-67.5°	564.0	477.2	404.9	325.4	274.8	231.4	188.0	159.1	122.9	94.0	65.1
-70°	491.7	419.4	354.3	303.7	260.3	216.9	180.8	151.8	122.9	86.8	57.8
-72.5°	433.9	368.8	318.2	282.0	245.9	209.7	173.5	144.6	115.7	79.5	50.6
-75°	368.8	325.4	289.2	253.1	224.2	195.2	166.3	130.2	101.2	72.3	50.6
-77.5°	310.9	282.0	253.1	231.4	202.5	173.5	144.6	115.7	94.0	65.1	43.4
-80°	267.5	245.9	224.2	202.5	180.8	151.8	130.2	101.2	79.5	57.8	36.2
-82.5°	216.9	202.5	180.8	166.3	151.8	130.2	108.5	86.8	57.8	43.4	28.9
-85°	166.3	151.8	144.6	130.2	115.7	94.0	72.3	57.8	43.4	28.9	14.5
-87.5°	86.8	79.5	72.3	65.1	57.8	43.4	36.2	28.9	21.7	14.5	7.2
-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: P722446

CATALOG NUMBER: IFLD-L-SA7D-730-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°	7.2	0.0	0.0	0.0
77.5°	7.2	0.0	0.0	0.0
75°	7.2	7.2	0.0	0.0
72.5°	7.2	7.2	0.0	0.0
70°	7.2	7.2	0.0	0.0
67.5°	14.5	7.2	0.0	0.0
65°	14.5	7.2	0.0	0.0
62.5°	14.5	7.2	0.0	0.0
60°	14.5	7.2	0.0	0.0
57.5°	21.7	7.2	7.2	0.0
55°	21.7	7.2	7.2	0.0
52.5°	21.7	7.2	7.2	0.0
50°	21.7	14.5	7.2	0.0
47.5°	21.7	14.5	7.2	0.0
45°	21.7	14.5	7.2	0.0
42.5°	21.7	14.5	7.2	0.0
40°	28.9	14.5	7.2	0.0
37.5°	28.9	14.5	7.2	0.0
35°	28.9	14.5	7.2	0.0
32.5°	28.9	14.5	7.2	0.0
30°	28.9	14.5	7.2	0.0
27.5°	28.9	21.7	7.2	0.0
25°	28.9	21.7	7.2	0.0
22.5°	36.2	21.7	7.2	0.0
20°	36.2	21.7	7.2	0.0
17.5°	36.2	21.7	7.2	0.0
15°	36.2	21.7	7.2	0.0
12.5°	36.2	21.7	7.2	0.0
10°	36.2	21.7	7.2	0.0
7.5°	36.2	21.7	7.2	0.0
5°	36.2	21.7	7.2	0.0
2.5°	36.2	21.7	7.2	0.0
0°	36.2	21.7	7.2	0.0
-2.5°	36.2	21.7	7.2	0.0
-5°	36.2	21.7	7.2	0.0
-7.5°	36.2	21.7	7.2	0.0
-10°	36.2	21.7	7.2	0.0
-12.5°	43.4	21.7	7.2	0.0
-15°	43.4	21.7	7.2	0.0
-17.5°	43.4	21.7	7.2	0.0
-20°	43.4	21.7	7.2	0.0



REPORT NUMBER: P722446

CATALOG NUMBER: IFLD-L-SA7D-730-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	43.4	21.7	7.2	0.0
-25°	43.4	21.7	7.2	0.0
-27.5°	43.4	21.7	7.2	0.0
-30°	43.4	21.7	7.2	0.0
-32.5°	43.4	21.7	7.2	0.0
-35°	43.4	21.7	7.2	0.0
-37.5°	43.4	21.7	7.2	0.0
-40°	43.4	21.7	7.2	0.0
-42.5°	36.2	21.7	7.2	0.0
-45°	43.4	21.7	7.2	0.0
-47.5°	43.4	21.7	7.2	0.0
-50°	43.4	21.7	7.2	0.0
-52.5°	43.4	21.7	7.2	0.0
-55°	43.4	21.7	7.2	0.0
-57.5°	43.4	21.7	7.2	0.0
-60°	43.4	21.7	7.2	0.0
-62.5°	36.2	21.7	7.2	0.0
-65°	36.2	14.5	7.2	0.0
-67.5°	36.2	14.5	7.2	0.0
-70°	36.2	14.5	7.2	0.0
-72.5°	28.9	14.5	7.2	0.0
-75°	28.9	14.5	7.2	0.0
-77.5°	21.7	7.2	0.0	0.0
-80°	21.7	7.2	0.0	0.0
-82.5°	14.5	7.2	0.0	0.0
-85°	7.2	7.2	0.0	0.0
-87.5°	7.2	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)