

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: P722400

Luminaire Tested: **IFLD-S-SA3B-727-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722400
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA3B-727-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (48) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	14551 lumens	Max Intensity:	10158.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	118.9 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:	9282.9 lumens	Field Lumens:	13718.3 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

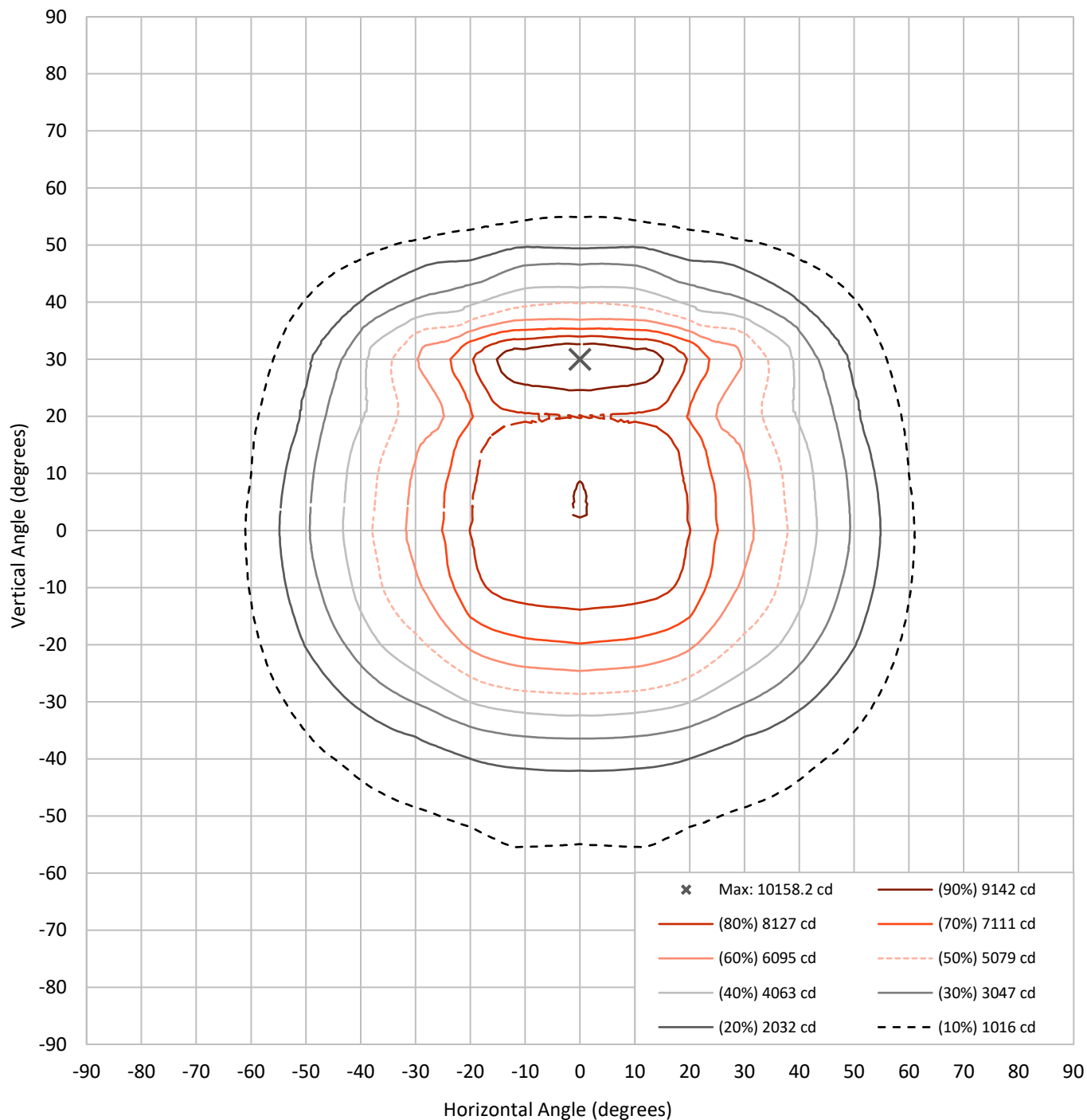
Input Watts (W): 122.4
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



REPORT NUMBER: P722400

CATALOG NUMBER: IFLD-S-SA3B-727-U-76-VI

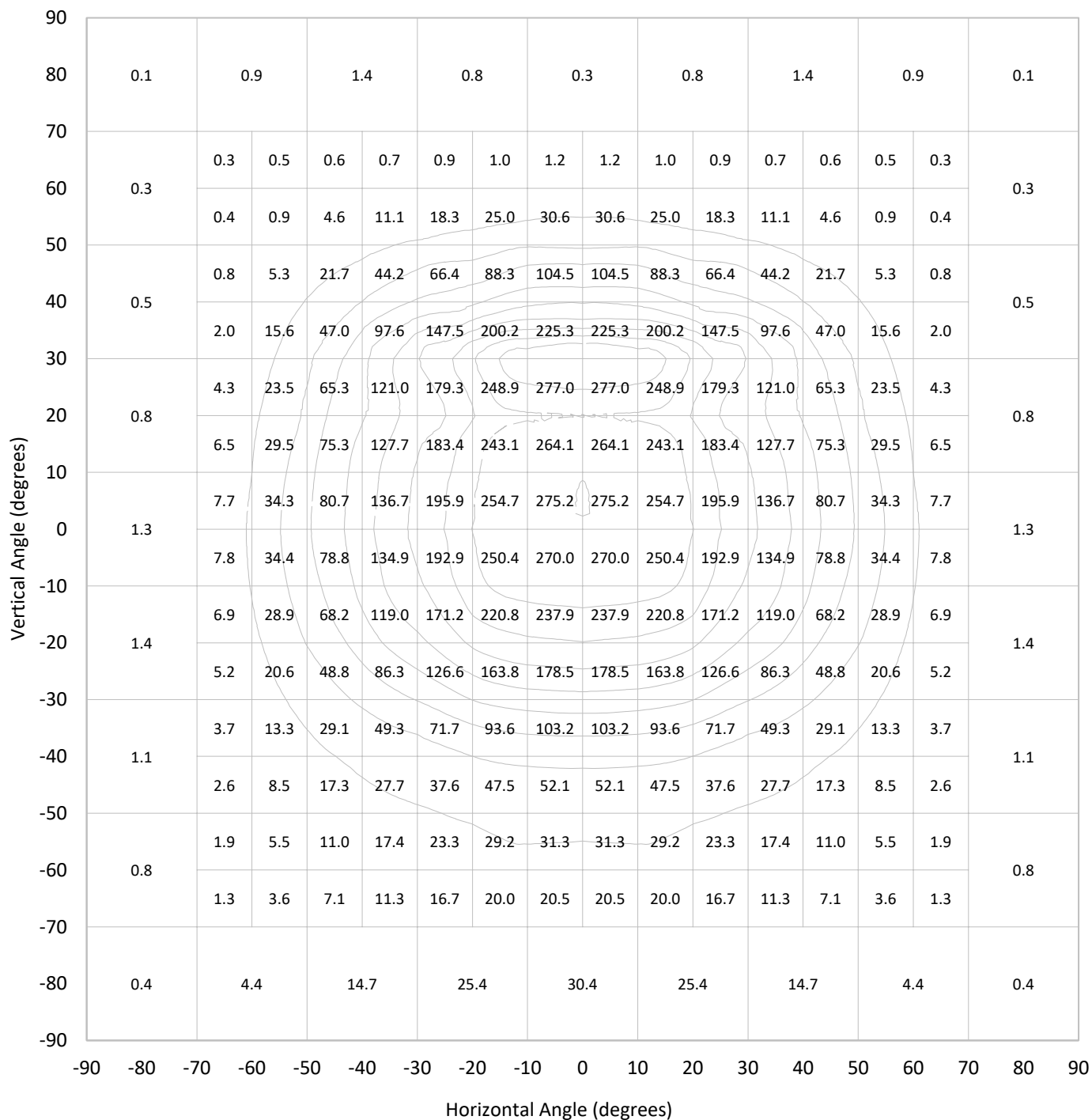
Iso-Candela Plot



REPORT NUMBER: P722400

CATALOG NUMBER: IFLD-S-SA3B-727-U-76-VI

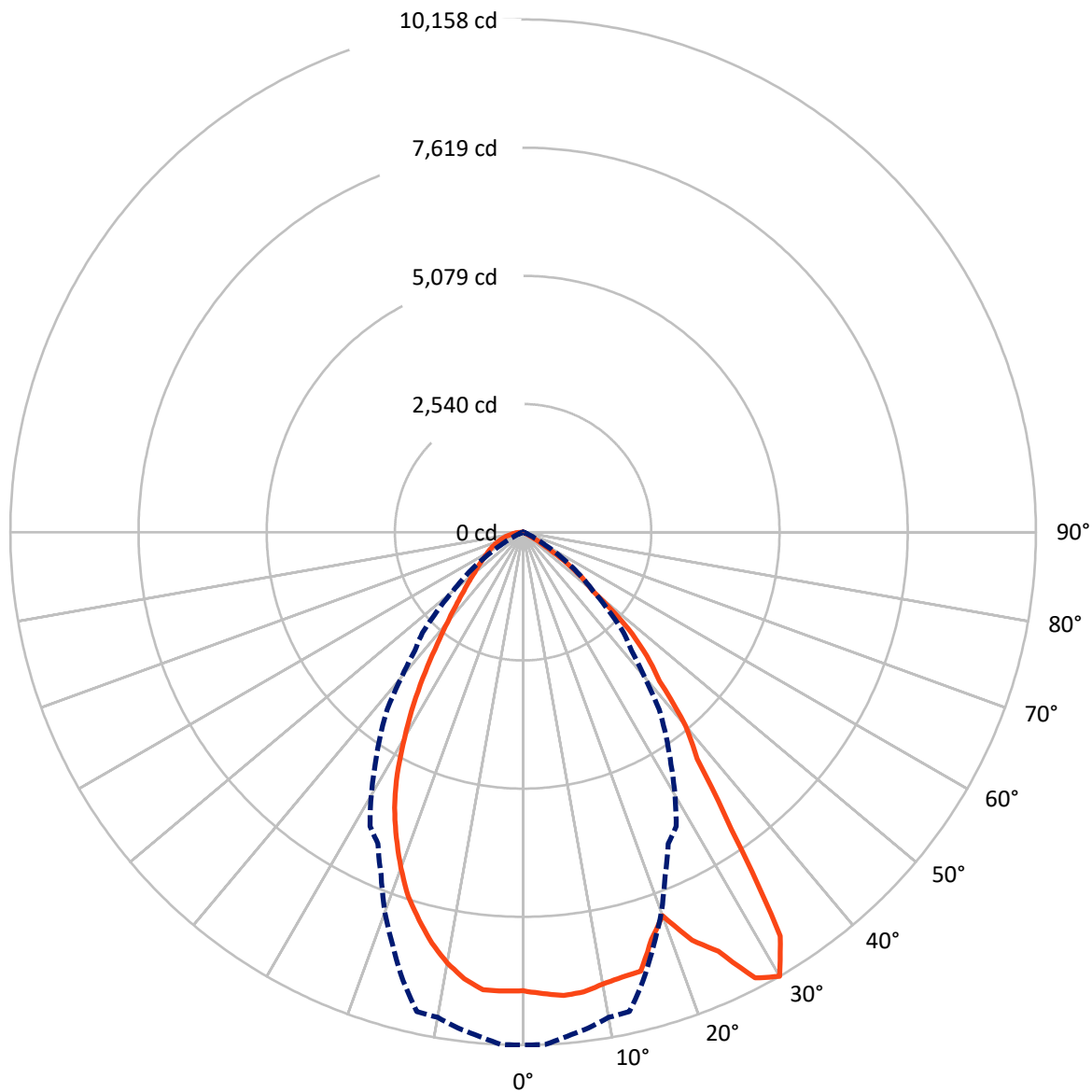
Lumen Table



REPORT NUMBER: P722400

CATALOG NUMBER: IFLD-S-SA3B-727-U-76-VI

Luminous Intensity Polar Plot



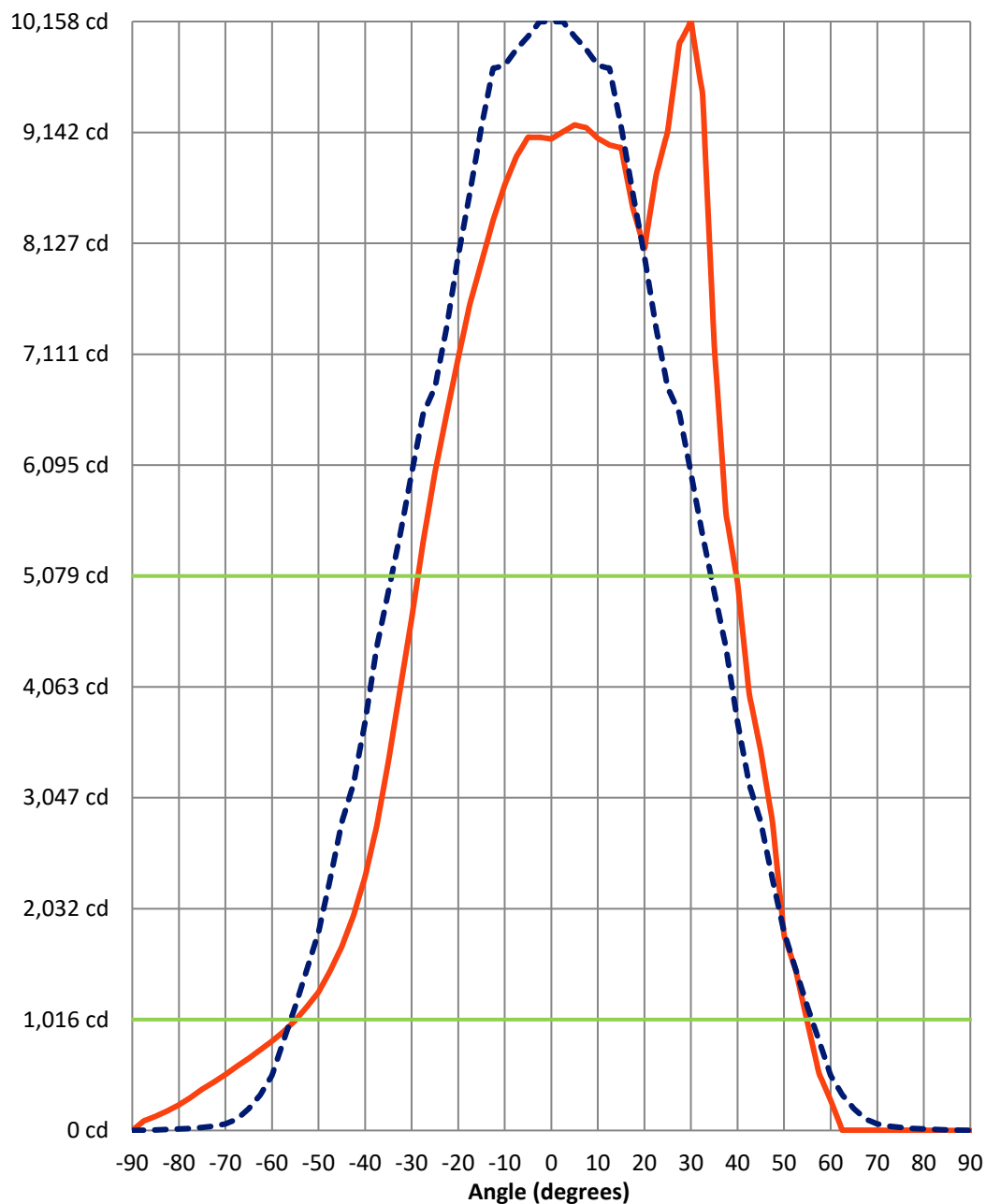
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

REPORT NUMBER: P722400

CATALOG NUMBER: IFLD-S-SA3B-727-U-76-VI

Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 9282.9

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 13718.3

Efficiency: 94.3%

Spill:

Lumens: 832.7

Efficiency: 5.7%

— Vertical Distribution through 0-Deg

- - - Horizontal Distribution through 30-Deg



REPORT NUMBER: P722400

CATALOG NUMBER: IFLD-S-SA3B-727-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	2.3	2.3	2.3	2.3	2.3	2.3	2.3
85°	0.0	2.3	2.3	2.3	4.6	4.6	4.6	4.6	4.6	4.6	6.9
82.5°	0.0	2.3	2.3	2.3	4.6	4.6	4.6	4.6	6.9	6.9	9.3
80°	2.3	2.3	2.3	2.3	4.6	4.6	4.6	6.9	6.9	9.3	9.3
77.5°	2.3	2.3	2.3	4.6	4.6	4.6	6.9	6.9	9.3	9.3	11.6
75°	2.3	2.3	2.3	4.6	4.6	6.9	6.9	6.9	9.3	9.3	11.6
72.5°	0.0	2.3	2.3	4.6	4.6	6.9	6.9	6.9	9.3	9.3	9.3
70°	2.3	2.3	2.3	4.6	4.6	6.9	6.9	6.9	9.3	9.3	9.3
67.5°	2.3	2.3	2.3	4.6	4.6	6.9	6.9	9.3	9.3	9.3	11.6
65°	2.3	2.3	2.3	4.6	6.9	6.9	9.3	11.6	11.6	13.9	16.2
62.5°	2.3	4.6	4.6	6.9	9.3	11.6	25.5	39.4	39.4	27.8	23.2
60°	275.7	298.8	296.5	268.7	234.0	196.9	190.0	183.0	169.1	148.3	155.2
57.5°	523.5	551.3	562.9	556.0	537.4	505.0	486.5	465.6	437.8	405.4	368.3
55°	991.5	1003.1	977.6	928.9	875.7	822.4	803.9	776.1	734.4	692.7	637.1
52.5°	1466.4	1505.8	1494.2	1445.5	1373.7	1278.8	1174.5	1093.4	1044.8	998.4	942.8
50°	1790.7	1806.9	1839.4	1897.3	1918.1	1853.3	1684.2	1466.4	1311.2	1389.9	1329.7
47.5°	2826.2	2907.3	2891.1	2849.4	2779.9	2603.8	2367.5	2172.9	2010.8	1957.5	1966.8
45°	3472.5	3505.0	3493.4	3474.9	3442.4	3278.0	3016.2	2717.3	2566.8	2506.5	2444.0
42.5°	4003.0	4037.8	4044.7	4047.1	4012.3	3861.7	3625.4	3326.6	3176.0	3002.3	2865.6
40°	5015.4	5066.4	5008.4	4932.0	4816.2	4644.7	4413.1	4137.4	3871.0	3657.9	3495.7
37.5°	5661.7	5724.3	5747.4	5742.8	5717.3	5643.2	5358.2	5096.5	4688.8	4211.5	4297.3
35°	7195.3	7260.2	7241.6	7172.1	7135.1	7056.3	6778.3	6467.9	5955.9	5437.0	5298.0
32.5°	9481.8	9623.1	9359.0	9069.4	8891.0	8953.6	8670.9	7911.1	7674.8	6738.9	6305.7
30°	10158.2	10155.9	10021.5	9903.4	9757.4	9727.3	9194.5	8587.6	8008.4	7352.8	6806.1
27.5°	9952.0	9910.3	9796.8	9711.1	9574.4	9502.6	8981.4	8499.5	7830.0	7243.9	6715.8
25°	9157.4	9189.9	9074.0	9057.8	9004.5	8865.5	8606.1	8064.0	7466.3	6817.7	6437.8
22.5°	8747.4	8735.8	8596.8	8515.7	8580.6	8432.3	8328.1	7781.4	7158.2	6611.5	6155.1
20°	8080.2	8082.5	8047.8	8040.8	8001.5	7934.3	7850.9	7464.0	7023.9	6555.9	6006.9
17.5°	8453.2	8548.2	8589.9	8244.7	8342.0	8265.5	8177.5	7637.8	7306.5	6891.8	6176.0
15°	8999.9	8965.2	8923.5	8904.9	8851.6	8779.8	8620.0	8189.1	7619.2	7190.7	6632.4
12.5°	9027.7	8960.5	8944.3	8942.0	8886.4	8786.8	8631.6	8274.8	7769.8	7248.6	6794.5
10°	9087.9	9018.4	9009.2	9020.8	8935.0	8872.5	8717.3	8386.0	7816.1	7348.2	6919.6
7.5°	9185.2	9069.4	9122.7	9087.9	9048.6	8948.9	8782.1	8457.8	7985.2	7480.2	7030.8
5°	9210.7	9083.3	9141.2	9108.8	9050.9	8953.6	8772.9	8504.2	8089.5	7533.5	7074.8
2.5°	9148.2	9111.1	9085.6	9025.4	8999.9	8893.3	8721.9	8434.7	8040.8	7510.3	7065.6
0°	9083.3	9115.7	9057.8	8997.6	8986.0	8900.3	8754.3	8494.9	8154.4	7575.2	7144.3
-2.5°	9097.2	9071.7	9032.3	8969.8	8909.6	8786.8	8654.7	8411.5	8045.5	7433.9	7033.1
-5°	9097.2	8979.1	8983.7	8986.0	8925.8	8798.4	8638.5	8432.3	7980.6	7431.6	7000.7
-7.5°	8921.1	8819.2	8803.0	8789.1	8772.9	8654.7	8529.6	8272.5	7871.7	7371.3	6910.4
-10°	8661.7	8562.1	8571.3	8550.5	8499.5	8420.8	8325.8	8094.1	7765.2	7181.4	6727.3
-12.5°	8337.4	8293.3	8267.9	8233.1	8182.2	8112.7	8015.4	7797.6	7445.5	6947.4	6516.5
-15°	7952.8	7920.4	7897.2	7876.4	7802.2	7730.4	7603.0	7401.5	7181.4	6646.3	6206.1
-17.5°	7568.3	7487.2	7454.7	7426.9	7378.3	7262.5	7146.6	6996.1	6688.0	6264.0	5886.4
-20°	7074.8	7026.2	6986.8	6949.7	6880.2	6789.9	6694.9	6521.2	6254.8	5911.9	5520.4

REPORT NUMBER: P722400

CATALOG NUMBER: IFLD-S-SA3B-727-U-76-VI

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	6558.2	6530.4	6498.0	6451.7	6405.3	6319.6	6187.6	6020.8	5812.3	5441.6	5075.6
-25°	6025.4	5972.1	5932.8	5888.7	5851.7	5772.9	5645.5	5485.7	5223.9	4904.2	4598.4
-27.5°	5397.6	5346.7	5325.8	5274.8	5242.4	5170.6	5043.2	4894.9	4658.6	4389.9	4079.5
-30°	4688.8	4698.0	4674.9	4626.2	4586.8	4494.2	4396.9	4271.8	4086.4	3829.3	3551.3
-32.5°	4033.2	4044.7	4016.9	3966.0	3915.0	3847.8	3757.5	3644.0	3505.0	3259.4	3018.5
-35°	3377.6	3372.9	3349.8	3319.7	3284.9	3229.3	3127.4	3041.7	2881.8	2710.4	2543.6
-37.5°	2789.2	2800.7	2793.8	2777.6	2738.2	2691.9	2608.5	2529.7	2411.6	2261.0	2131.3
-40°	2323.5	2337.4	2328.2	2311.9	2277.2	2249.4	2193.8	2124.3	2029.3	1899.6	1790.7
-42.5°	1966.8	1976.0	1964.5	1950.6	1920.4	1899.6	1855.6	1797.7	1718.9	1619.3	1522.0
-45°	1684.2	1686.5	1674.9	1665.6	1642.5	1617.0	1579.9	1533.6	1471.0	1401.5	1322.8
-47.5°	1461.8	1459.4	1447.9	1438.6	1420.1	1396.9	1366.8	1325.1	1276.4	1223.2	1160.6
-50°	1267.2	1278.8	1274.1	1264.9	1251.0	1234.7	1204.6	1160.6	1112.0	1072.6	1028.6
-52.5°	1132.8	1135.1	1132.8	1132.8	1130.5	1118.9	1084.2	1040.1	986.9	952.1	915.0
-55°	1007.7	1019.3	1023.9	1028.6	1030.9	1030.9	989.2	942.8	891.9	857.1	829.3
-57.5°	905.8	912.7	917.4	928.9	938.2	945.2	908.1	866.4	827.0	794.6	769.1
-60°	817.8	827.0	834.0	845.6	852.5	857.1	834.0	806.2	783.0	762.2	725.1
-62.5°	739.0	745.9	752.9	759.8	766.8	771.4	762.2	748.3	736.7	727.4	681.1
-65°	660.2	667.2	674.1	683.4	690.3	695.0	692.7	683.4	674.1	664.9	623.2
-67.5°	588.4	595.4	604.6	606.9	611.6	613.9	609.3	602.3	590.7	579.1	546.7
-70°	512.0	516.6	521.2	521.2	521.2	518.9	514.3	505.0	493.4	477.2	451.7
-72.5°	442.5	447.1	451.7	444.8	440.1	433.2	426.3	414.7	403.1	391.5	377.6
-75°	377.6	379.9	379.9	370.7	363.7	356.8	347.5	340.5	329.0	319.7	308.1
-77.5°	301.2	301.2	301.2	294.2	289.6	284.9	278.0	271.0	261.8	254.8	245.6
-80°	234.0	234.0	234.0	231.7	224.7	220.1	215.4	210.8	203.9	199.2	194.6
-82.5°	178.4	178.4	178.4	176.1	171.4	169.1	164.5	159.8	157.5	152.9	150.6
-85°	129.7	132.0	132.0	129.7	127.4	122.8	120.5	118.1	115.8	113.5	108.9
-87.5°	88.0	88.0	88.0	85.7	83.4	83.4	81.1	76.4	71.8	69.5	67.2
-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: P722400

CATALOG NUMBER: IFLD-S-SA3B-727-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°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
85°	6.9	6.9	6.9	9.3	9.3	9.3	9.3	9.3	9.3	9.3	6.9
82.5°	11.6	11.6	13.9	13.9	16.2	16.2	16.2	16.2	16.2	16.2	16.2
80°	11.6	13.9	16.2	18.5	20.8	23.2	23.2	23.2	23.2	20.8	20.8
77.5°	13.9	13.9	16.2	18.5	20.8	23.2	25.5	27.8	25.5	25.5	25.5
75°	13.9	16.2	16.2	18.5	20.8	23.2	25.5	27.8	27.8	27.8	27.8
72.5°	11.6	13.9	16.2	18.5	18.5	20.8	23.2	23.2	25.5	25.5	27.8
70°	11.6	13.9	16.2	16.2	18.5	18.5	20.8	23.2	23.2	25.5	25.5
67.5°	13.9	16.2	16.2	18.5	20.8	20.8	20.8	23.2	23.2	25.5	25.5
65°	16.2	18.5	18.5	20.8	23.2	23.2	25.5	25.5	25.5	27.8	27.8
62.5°	27.8	27.8	27.8	25.5	27.8	27.8	27.8	30.1	30.1	27.8	30.1
60°	143.6	104.2	71.8	90.3	81.1	37.1	37.1	37.1	34.7	34.7	32.4
57.5°	338.2	315.1	271.0	229.3	206.2	183.0	113.5	46.3	46.3	41.7	37.1
55°	565.2	488.8	456.4	400.8	340.5	312.7	259.5	176.1	83.4	55.6	48.6
52.5°	875.7	803.9	720.5	606.9	525.9	461.0	417.0	331.3	222.4	118.1	74.1
50°	1172.2	1139.8	1088.8	977.6	808.5	699.6	627.8	530.5	398.5	243.2	139.0
47.5°	1888.0	1617.0	1452.5	1366.8	1225.5	1019.3	880.3	771.4	611.6	410.0	245.6
45°	2376.8	2205.4	1943.6	1762.9	1554.4	1336.7	1156.0	1030.9	840.9	613.9	384.6
42.5°	2796.1	2647.8	2411.6	2147.5	1927.4	1642.5	1410.8	1246.3	1086.5	838.6	574.5
40°	3335.9	3159.8	2932.8	2675.6	2418.5	2054.8	1679.5	1480.3	1304.2	1084.2	776.1
37.5°	4225.4	3915.0	3544.4	3259.4	2923.5	2615.4	2101.1	1749.0	1540.5	1311.2	1012.3
35°	5295.7	4955.2	4336.6	3959.0	3509.6	3050.9	2587.6	2066.4	1769.9	1526.6	1230.1
32.5°	6291.8	5793.8	5001.5	4559.0	4260.2	3414.6	2935.1	2483.4	2006.2	1707.3	1355.2
30°	6567.5	6018.5	5450.9	4934.3	4424.7	3741.3	3173.7	2821.6	2302.7	1816.2	1473.3
27.5°	6289.5	5911.9	5471.8	4992.2	4440.9	3854.8	3319.7	2983.8	2520.4	1890.3	1566.0
25°	6006.9	5613.1	5305.0	4904.2	4394.5	3847.8	3324.3	3085.7	2689.5	2034.0	1617.0
22.5°	5708.0	5462.5	5207.7	4760.6	4278.7	3868.7	3474.9	3173.7	2777.6	2196.1	1637.8
20°	5724.3	5564.4	5284.1	4686.4	4257.9	3991.5	3655.6	3284.9	2872.6	2337.4	1654.0
17.5°	5983.7	5775.2	5423.1	4904.2	4445.5	4116.6	3806.1	3437.8	2969.9	2462.5	1850.9
15°	6303.4	5986.0	5617.7	5161.3	4642.4	4253.2	3922.0	3544.4	3081.0	2578.4	2027.0
12.5°	6535.1	6083.3	5738.2	5325.8	4855.5	4401.5	3998.4	3625.4	3185.3	2673.3	2159.1
10°	6613.8	6203.8	5796.1	5427.7	4964.4	4480.3	4056.3	3676.4	3275.6	2747.5	2256.3
7.5°	6655.5	6308.0	5835.5	5474.1	5029.3	4528.9	4102.7	3704.2	3347.5	2798.4	2318.9
5°	6650.9	6363.6	5865.6	5488.0	5064.0	4549.8	4135.1	3711.2	3398.4	2842.4	2356.0
2.5°	6630.0	6400.7	5914.2	5511.1	5133.5	4589.1	4197.6	3725.1	3417.0	2891.1	2381.4
0°	6706.5	6403.0	5965.2	5518.1	5179.9	4603.0	4225.4	3713.5	3391.5	2905.0	2379.1
-2.5°	6542.0	6266.3	5953.6	5457.9	5117.3	4570.6	4174.5	3676.4	3335.9	2888.8	2369.9
-5°	6514.2	6166.7	5856.3	5402.3	5013.1	4503.4	4079.5	3606.9	3247.8	2835.5	2332.8
-7.5°	6440.1	6071.7	5761.3	5358.2	4915.8	4433.9	3989.1	3535.1	3152.9	2752.1	2279.5
-10°	6277.9	5925.8	5659.4	5263.3	4797.6	4334.3	3880.3	3440.1	3041.7	2638.6	2196.1
-12.5°	6046.3	5694.1	5430.1	5061.7	4649.4	4200.0	3750.5	3317.3	2914.3	2518.1	2096.5
-15°	5784.5	5427.7	5163.7	4827.7	4429.3	3991.5	3586.1	3162.1	2768.3	2390.7	1978.4
-17.5°	5488.0	5149.8	4894.9	4568.3	4172.2	3755.2	3352.1	2967.5	2599.2	2258.7	1841.7
-20°	5145.1	4816.2	4582.2	4255.6	3891.9	3486.4	3094.9	2731.2	2400.0	2080.3	1691.1

REPORT NUMBER: P722400

CATALOG NUMBER: IFLD-S-SA3B-727-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°	4721.2	4431.6	4165.2	3873.3	3555.9	3185.3	2821.6	2499.6	2182.2	1869.5	1535.9
-25°	4288.0	4007.7	3748.2	3481.8	3178.3	2858.7	2548.2	2256.3	1945.9	1663.3	1385.3
-27.5°	3806.1	3555.9	3324.3	3078.7	2800.7	2525.1	2270.2	1985.3	1716.6	1475.7	1237.1
-30°	3291.9	3088.0	2886.5	2668.7	2444.0	2212.3	1985.3	1716.6	1505.8	1313.5	1112.0
-32.5°	2798.4	2615.4	2453.3	2291.1	2096.5	1906.5	1705.0	1505.8	1329.7	1160.6	991.5
-35°	2365.2	2170.6	2080.3	1950.6	1795.3	1623.9	1459.4	1320.4	1179.1	1026.2	875.7
-37.5°	1989.9	1864.8	1758.3	1661.0	1538.2	1389.9	1271.8	1158.3	1040.1	901.1	771.4
-40°	1695.7	1605.4	1498.8	1427.0	1327.4	1220.8	1102.7	1007.7	908.1	794.6	688.0
-42.5°	1459.4	1385.3	1315.8	1239.4	1165.2	1074.9	973.0	882.6	792.3	708.9	620.8
-45°	1264.9	1211.6	1156.0	1093.4	1028.6	949.8	866.4	773.7	708.9	634.7	560.6
-47.5°	1105.0	1065.6	1019.3	970.6	915.0	845.6	769.1	701.9	634.7	572.2	500.4
-50°	977.6	940.5	903.5	861.8	813.1	752.9	695.0	632.4	569.9	509.6	442.5
-52.5°	871.0	838.6	808.5	773.7	727.4	676.4	623.2	567.6	509.6	449.4	396.1
-55°	796.9	759.8	729.7	695.0	653.3	604.6	556.0	505.0	449.4	403.1	359.1
-57.5°	736.7	695.0	660.2	623.2	581.5	539.8	495.7	449.4	407.7	363.7	322.0
-60°	685.7	637.1	597.7	560.6	521.2	481.8	444.8	405.4	366.0	326.6	284.9
-62.5°	632.4	581.5	532.8	498.1	467.9	433.2	400.8	363.7	329.0	289.6	259.5
-65°	572.2	523.5	477.2	447.1	419.3	389.2	359.1	326.6	296.5	266.4	238.6
-67.5°	505.0	463.3	430.9	403.1	375.3	349.8	322.0	294.2	268.7	238.6	210.8
-70°	423.9	400.8	382.2	361.4	335.9	312.7	287.3	261.8	234.0	208.5	183.0
-72.5°	361.4	347.5	333.6	312.7	289.6	268.7	247.9	224.7	201.5	178.4	157.5
-75°	296.5	284.9	273.4	259.5	240.9	224.7	206.2	185.3	166.8	150.6	134.4
-77.5°	238.6	229.3	222.4	210.8	196.9	183.0	171.4	157.5	143.6	127.4	111.2
-80°	190.0	185.3	183.0	178.4	166.8	155.2	145.9	134.4	120.5	108.9	97.3
-82.5°	148.3	148.3	145.9	143.6	134.4	125.1	118.1	108.9	99.6	90.3	78.8
-85°	108.9	106.6	106.6	104.2	97.3	92.7	85.7	81.1	74.1	64.9	60.2
-87.5°	64.9	62.5	60.2	57.9	53.3	51.0	46.3	44.0	39.4	34.7	32.4
-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: P722400

CATALOG NUMBER: IFLD-S-SA3B-727-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°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	0.0	0.0
85°	6.9	4.6	4.6	4.6	4.6	4.6	2.3	2.3	2.3	2.3	2.3
82.5°	13.9	13.9	11.6	11.6	9.3	6.9	4.6	4.6	4.6	2.3	2.3
80°	20.8	20.8	20.8	18.5	16.2	11.6	9.3	6.9	4.6	2.3	2.3
77.5°	25.5	23.2	23.2	20.8	20.8	18.5	13.9	11.6	6.9	4.6	2.3
75°	25.5	25.5	25.5	23.2	23.2	20.8	18.5	13.9	11.6	6.9	4.6
72.5°	27.8	25.5	25.5	25.5	23.2	20.8	18.5	16.2	13.9	9.3	4.6
70°	25.5	25.5	25.5	25.5	23.2	23.2	18.5	16.2	16.2	9.3	6.9
67.5°	25.5	25.5	25.5	23.2	23.2	20.8	18.5	16.2	16.2	11.6	6.9
65°	27.8	25.5	25.5	25.5	23.2	20.8	18.5	16.2	16.2	13.9	9.3
62.5°	30.1	27.8	27.8	25.5	23.2	20.8	18.5	16.2	16.2	13.9	9.3
60°	32.4	30.1	27.8	27.8	25.5	23.2	18.5	18.5	16.2	13.9	9.3
57.5°	34.7	32.4	32.4	30.1	27.8	25.5	20.8	18.5	16.2	13.9	11.6
55°	41.7	37.1	34.7	34.7	32.4	27.8	23.2	18.5	16.2	13.9	11.6
52.5°	55.6	44.0	39.4	39.4	37.1	32.4	25.5	20.8	16.2	13.9	11.6
50°	88.0	55.6	46.3	41.7	41.7	37.1	30.1	23.2	16.2	13.9	11.6
47.5°	139.0	92.7	55.6	48.6	46.3	44.0	34.7	23.2	18.5	13.9	11.6
45°	229.3	136.7	90.3	57.9	48.6	46.3	39.4	25.5	18.5	16.2	11.6
42.5°	315.1	213.1	139.0	69.5	57.9	51.0	41.7	27.8	20.8	16.2	11.6
40°	495.7	291.9	194.6	113.5	67.2	53.3	46.3	32.4	20.8	16.2	11.6
37.5°	671.8	386.9	261.8	166.8	76.4	60.2	48.6	34.7	23.2	16.2	13.9
35°	847.9	542.1	324.3	222.4	101.9	71.8	51.0	37.1	23.2	16.2	13.9
32.5°	1005.4	688.0	389.2	278.0	152.9	85.7	55.6	39.4	25.5	18.5	13.9
30°	1135.1	822.4	505.0	326.6	199.2	104.2	60.2	39.4	27.8	18.5	13.9
27.5°	1232.4	926.6	623.2	377.6	238.6	122.8	69.5	44.0	27.8	18.5	13.9
25°	1311.2	1007.7	727.4	430.9	273.4	152.9	83.4	46.3	30.1	20.8	13.9
22.5°	1373.7	1074.9	813.1	502.7	315.1	183.0	101.9	51.0	30.1	20.8	13.9
20°	1459.4	1142.1	871.0	579.1	359.1	210.8	118.1	55.6	30.1	20.8	16.2
17.5°	1533.6	1209.3	917.4	644.0	403.1	231.7	136.7	60.2	32.4	20.8	16.2
15°	1619.3	1274.1	959.1	695.0	444.8	250.2	152.9	64.9	32.4	23.2	16.2
12.5°	1712.0	1334.3	989.2	736.7	488.8	266.4	166.8	74.1	34.7	23.2	16.2
10°	1806.9	1385.3	1014.7	766.8	521.2	282.6	176.1	83.4	37.1	23.2	16.2
7.5°	1901.9	1431.6	1047.1	780.7	535.1	301.2	180.7	92.7	37.1	25.5	16.2
5°	1966.8	1461.8	1093.4	790.0	542.1	322.0	187.6	104.2	39.4	25.5	16.2
2.5°	2022.4	1480.3	1142.1	796.9	544.4	333.6	185.3	111.2	41.7	25.5	16.2
0°	2047.9	1480.3	1174.5	792.3	537.4	345.2	185.3	118.1	41.7	25.5	16.2
-2.5°	2008.5	1522.0	1165.2	794.6	539.8	345.2	194.6	120.5	46.3	27.8	16.2
-5°	1945.9	1538.2	1137.4	783.0	535.1	345.2	206.2	122.8	48.6	27.8	18.5
-7.5°	1885.7	1545.2	1105.0	771.4	528.2	335.9	208.5	120.5	53.3	30.1	18.5
-10°	1806.9	1468.7	1063.3	750.6	514.3	329.0	213.1	120.5	55.6	30.1	18.5
-12.5°	1716.6	1376.0	1012.3	720.5	498.1	322.0	215.4	120.5	57.9	32.4	18.5
-15°	1612.3	1281.1	954.4	688.0	474.9	312.7	210.8	118.1	60.2	32.4	20.8
-17.5°	1494.2	1188.4	894.2	648.6	449.4	301.2	201.5	115.8	60.2	32.4	20.8
-20°	1359.8	1095.7	827.0	609.3	419.3	287.3	192.3	111.2	60.2	32.4	20.8

REPORT NUMBER: P722400

CATALOG NUMBER: IFLD-S-SA3B-727-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1239.4	1010.0	757.5	565.2	386.9	271.0	180.7	106.6	60.2	34.7	20.8
-25°	1139.8	926.6	704.2	521.2	352.1	252.5	169.1	101.9	60.2	34.7	20.8
-27.5°	1035.5	836.3	648.6	479.5	329.0	236.3	157.5	97.3	57.9	34.7	20.8
-30°	928.9	748.3	590.7	433.2	305.8	220.1	148.3	90.3	57.9	34.7	20.8
-32.5°	831.7	676.4	537.4	386.9	280.3	203.9	139.0	88.0	55.6	34.7	20.8
-35°	736.7	611.6	481.8	349.8	252.5	187.6	129.7	85.7	55.6	34.7	20.8
-37.5°	657.9	551.3	430.9	324.3	236.3	173.7	120.5	81.1	53.3	34.7	20.8
-40°	593.0	495.7	382.2	296.5	222.4	159.8	111.2	78.8	53.3	34.7	20.8
-42.5°	532.8	442.5	352.1	273.4	208.5	150.6	104.2	76.4	51.0	34.7	20.8
-45°	479.5	396.1	322.0	252.5	192.3	139.0	99.6	71.8	48.6	34.7	23.2
-47.5°	426.3	363.7	294.2	234.0	176.1	125.1	95.0	69.5	46.3	32.4	23.2
-50°	384.6	329.0	271.0	213.1	159.8	120.5	90.3	64.9	46.3	32.4	23.2
-52.5°	347.5	296.5	245.6	192.3	145.9	113.5	85.7	60.2	44.0	32.4	23.2
-55°	312.7	266.4	220.1	171.4	136.7	106.6	78.8	55.6	44.0	32.4	23.2
-57.5°	278.0	238.6	194.6	155.2	125.1	99.6	74.1	55.6	44.0	32.4	23.2
-60°	250.2	213.1	176.1	143.6	115.8	90.3	67.2	53.3	41.7	32.4	23.2
-62.5°	227.0	192.3	159.8	129.7	106.6	81.1	64.9	53.3	41.7	32.4	20.8
-65°	203.9	173.7	143.6	118.1	95.0	76.4	62.5	51.0	41.7	32.4	20.8
-67.5°	180.7	152.9	129.7	104.2	88.0	74.1	60.2	51.0	39.4	30.1	20.8
-70°	157.5	134.4	113.5	97.3	83.4	69.5	57.9	48.6	39.4	27.8	18.5
-72.5°	139.0	118.1	101.9	90.3	78.8	67.2	55.6	46.3	37.1	25.5	16.2
-75°	118.1	104.2	92.7	81.1	71.8	62.5	53.3	41.7	32.4	23.2	16.2
-77.5°	99.6	90.3	81.1	74.1	64.9	55.6	46.3	37.1	30.1	20.8	13.9
-80°	85.7	78.8	71.8	64.9	57.9	48.6	41.7	32.4	25.5	18.5	11.6
-82.5°	69.5	64.9	57.9	53.3	48.6	41.7	34.7	27.8	18.5	13.9	9.3
-85°	53.3	48.6	46.3	41.7	37.1	30.1	23.2	18.5	13.9	9.3	4.6
-87.5°	27.8	25.5	23.2	20.8	18.5	13.9	11.6	9.3	6.9	4.6	2.3
-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: P722400

CATALOG NUMBER: IFLD-S-SA3B-727-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°	2.3	0.0	0.0	0.0
77.5°	2.3	0.0	0.0	0.0
75°	2.3	2.3	0.0	0.0
72.5°	2.3	2.3	0.0	0.0
70°	2.3	2.3	0.0	0.0
67.5°	4.6	2.3	0.0	0.0
65°	4.6	2.3	0.0	0.0
62.5°	4.6	2.3	0.0	0.0
60°	4.6	2.3	0.0	0.0
57.5°	6.9	2.3	2.3	0.0
55°	6.9	2.3	2.3	0.0
52.5°	6.9	2.3	2.3	0.0
50°	6.9	4.6	2.3	0.0
47.5°	6.9	4.6	2.3	0.0
45°	6.9	4.6	2.3	0.0
42.5°	6.9	4.6	2.3	0.0
40°	9.3	4.6	2.3	0.0
37.5°	9.3	4.6	2.3	0.0
35°	9.3	4.6	2.3	0.0
32.5°	9.3	4.6	2.3	0.0
30°	9.3	4.6	2.3	0.0
27.5°	9.3	6.9	2.3	0.0
25°	9.3	6.9	2.3	0.0
22.5°	11.6	6.9	2.3	0.0
20°	11.6	6.9	2.3	0.0
17.5°	11.6	6.9	2.3	0.0
15°	11.6	6.9	2.3	0.0
12.5°	11.6	6.9	2.3	0.0
10°	11.6	6.9	2.3	0.0
7.5°	11.6	6.9	2.3	0.0
5°	11.6	6.9	2.3	0.0
2.5°	11.6	6.9	2.3	0.0
0°	11.6	6.9	2.3	0.0
-2.5°	11.6	6.9	2.3	0.0
-5°	11.6	6.9	2.3	0.0
-7.5°	11.6	6.9	2.3	0.0
-10°	11.6	6.9	2.3	0.0
-12.5°	13.9	6.9	2.3	0.0
-15°	13.9	6.9	2.3	0.0
-17.5°	13.9	6.9	2.3	0.0
-20°	13.9	6.9	2.3	0.0

REPORT NUMBER: P722400

CATALOG NUMBER: IFLD-S-SA3B-727-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	13.9	6.9	2.3	0.0
-25°	13.9	6.9	2.3	0.0
-27.5°	13.9	6.9	2.3	0.0
-30°	13.9	6.9	2.3	0.0
-32.5°	13.9	6.9	2.3	0.0
-35°	13.9	6.9	2.3	0.0
-37.5°	13.9	6.9	2.3	0.0
-40°	13.9	6.9	2.3	0.0
-42.5°	11.6	6.9	2.3	0.0
-45°	13.9	6.9	2.3	0.0
-47.5°	13.9	6.9	2.3	0.0
-50°	13.9	6.9	2.3	0.0
-52.5°	13.9	6.9	2.3	0.0
-55°	13.9	6.9	2.3	0.0
-57.5°	13.9	6.9	2.3	0.0
-60°	13.9	6.9	2.3	0.0
-62.5°	11.6	6.9	2.3	0.0
-65°	11.6	4.6	2.3	0.0
-67.5°	11.6	4.6	2.3	0.0
-70°	11.6	4.6	2.3	0.0
-72.5°	9.3	4.6	2.3	0.0
-75°	9.3	4.6	2.3	0.0
-77.5°	6.9	2.3	0.0	0.0
-80°	6.9	2.3	0.0	0.0
-82.5°	4.6	2.3	0.0	0.0
-85°	2.3	2.3	0.0	0.0
-87.5°	2.3	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)