

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: P722408

Luminaire Tested: **IFLD-S-SA6E-727-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722408
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA6E-727-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (96) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	45248 lumens	Max Intensity:	31588.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	97.5 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' 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:	28866.3 lumens	Field Lumens:	42658.8 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

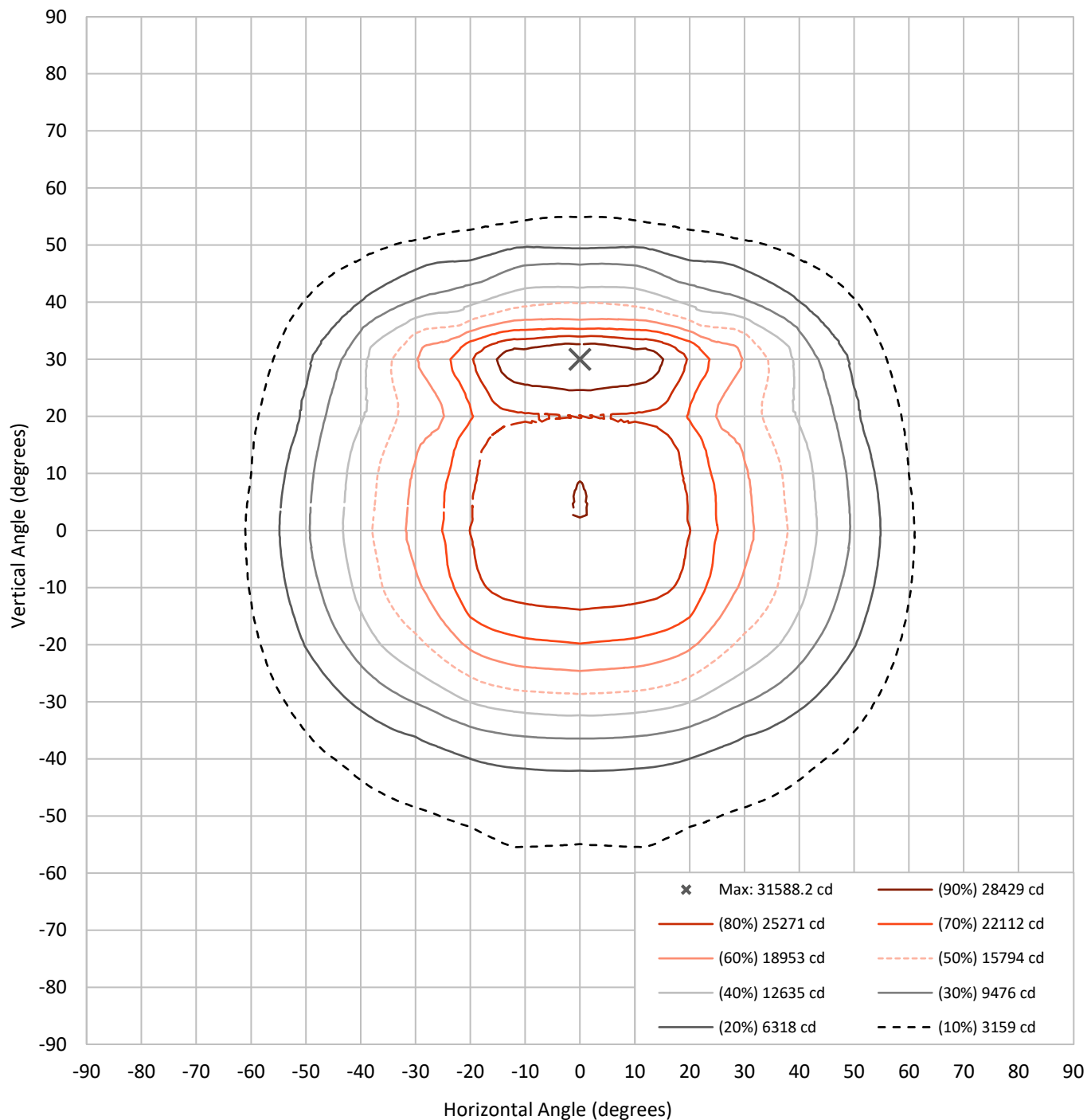
Input Watts (W): 464.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



REPORT NUMBER: P722408

CATALOG NUMBER: IFLD-S-SA6E-727-U-76-VI

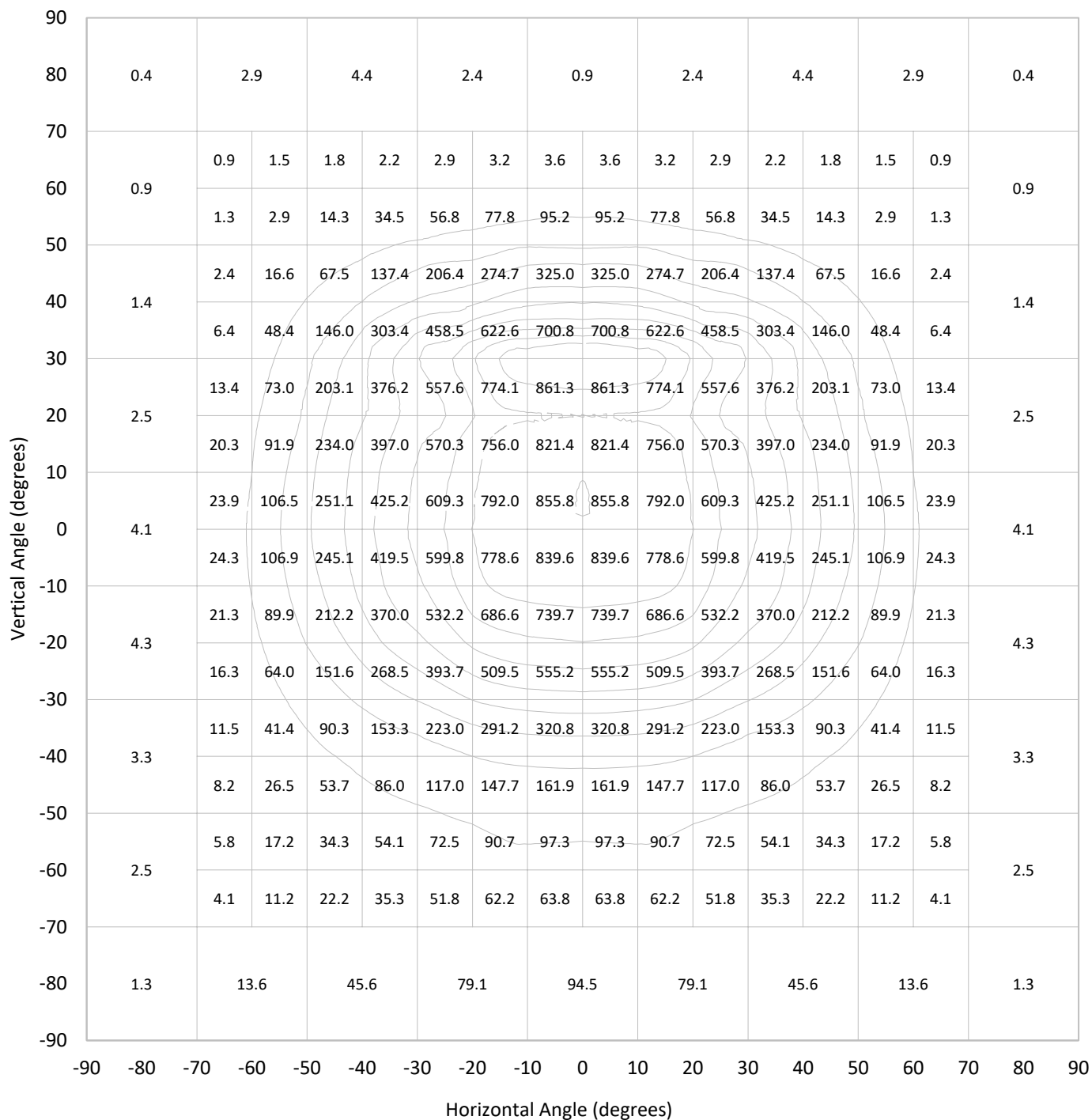
Iso-Candela Plot



REPORT NUMBER: P722408

CATALOG NUMBER: IFLD-S-SA6E-727-U-76-VI

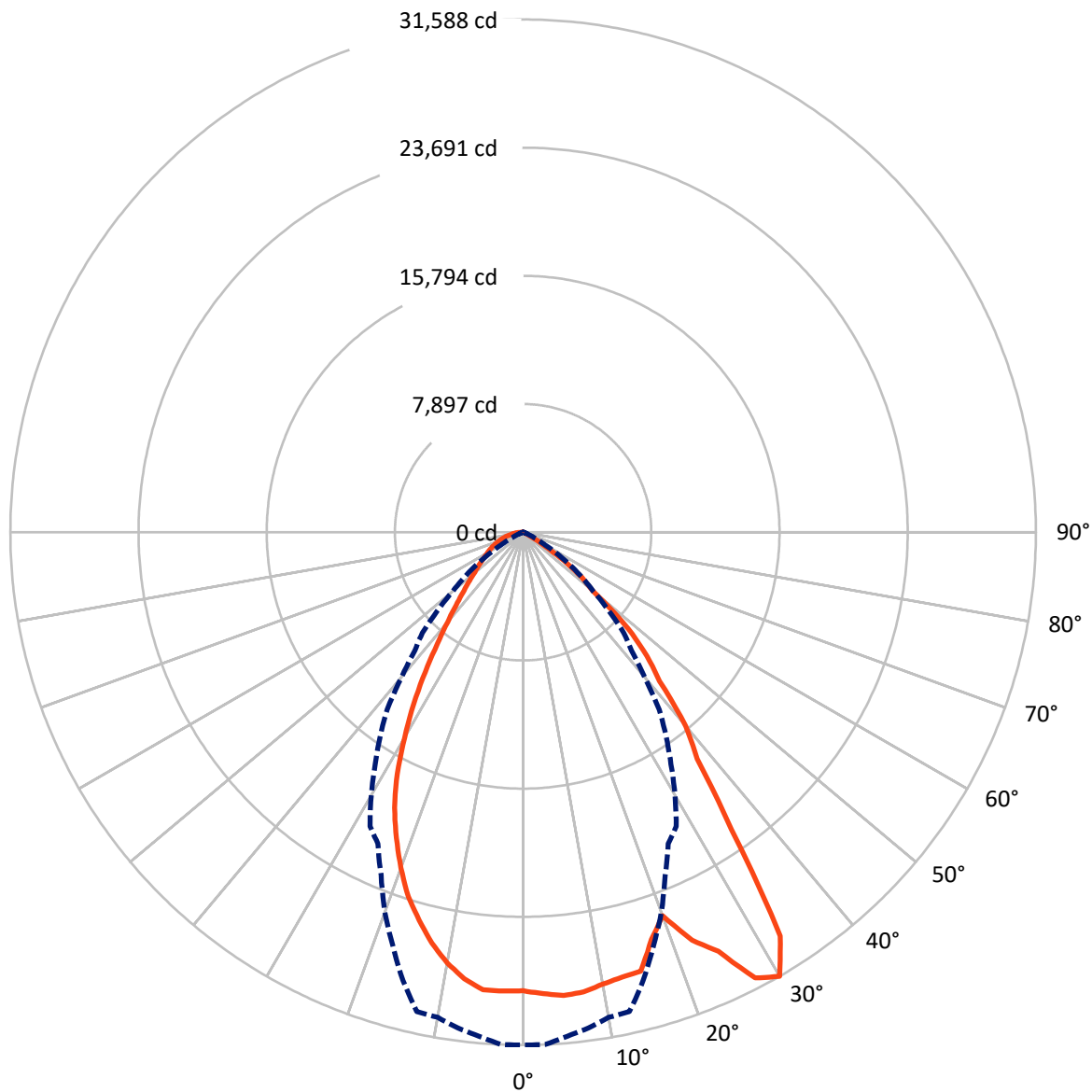
Lumen Table



REPORT NUMBER: P722408

CATALOG NUMBER: IFLD-S-SA6E-727-U-76-VI

Luminous Intensity Polar Plot

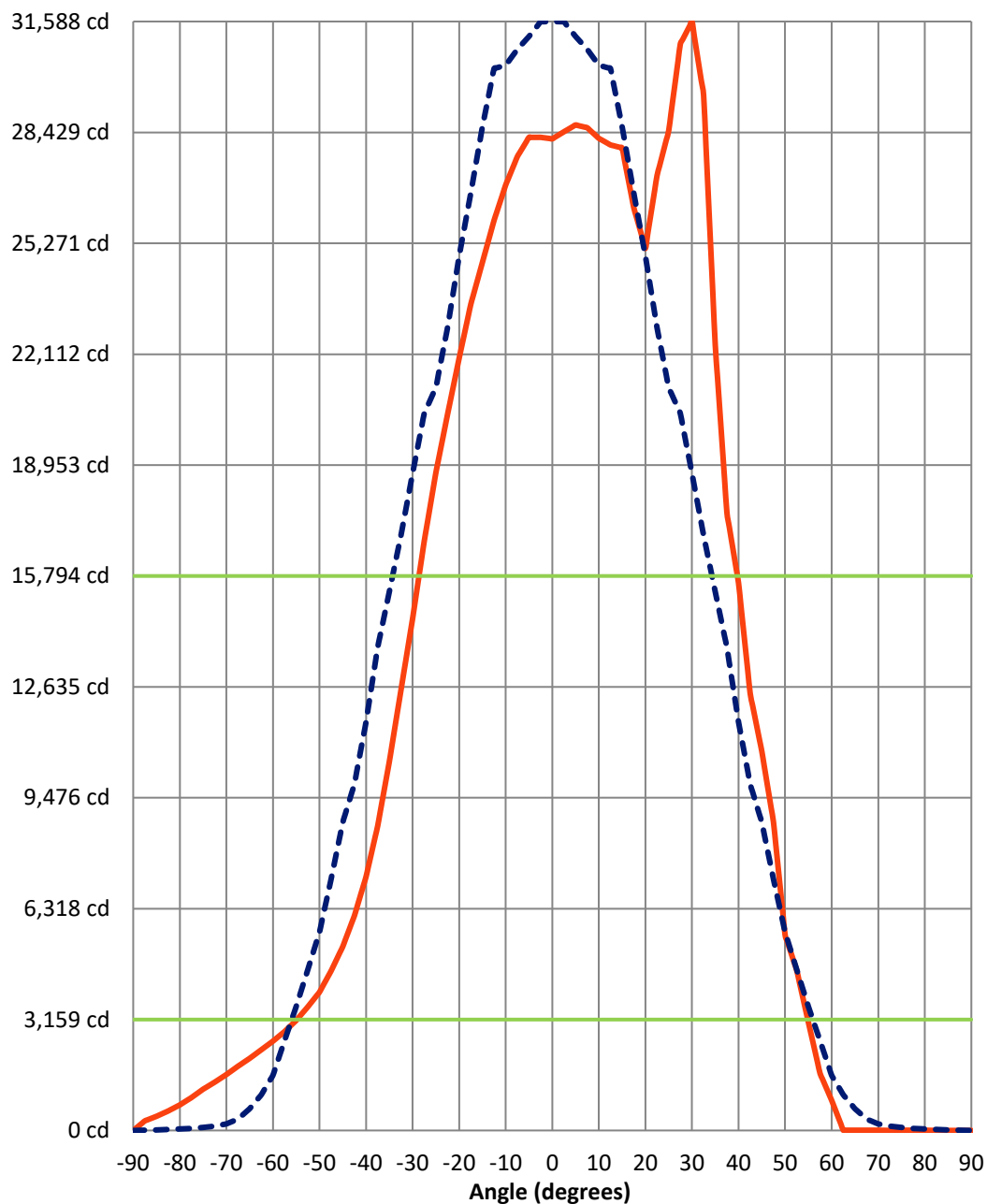


— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 30-Deg

REPORT NUMBER: P722408

CATALOG NUMBER: IFLD-S-SA6E-727-U-76-VI

Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 28866.3

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 42658.8

Efficiency: 94.3%

Spill:

Lumens: 2589.3

Efficiency: 5.7%

— Vertical Distribution through 0-Deg

- - - Horizontal Distribution through 30-Deg

REPORT NUMBER: P722408

CATALOG NUMBER: IFLD-S-SA6E-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	7.2	7.2	7.2	7.2	7.2	7.2	7.2
85°	0.0	7.2	7.2	7.2	14.4	14.4	14.4	14.4	14.4	14.4	21.6
82.5°	0.0	7.2	7.2	7.2	14.4	14.4	14.4	14.4	21.6	21.6	28.8
80°	7.2	7.2	7.2	7.2	14.4	14.4	14.4	21.6	21.6	28.8	28.8
77.5°	7.2	7.2	7.2	14.4	14.4	14.4	21.6	21.6	28.8	28.8	36.0
75°	7.2	7.2	7.2	14.4	14.4	21.6	21.6	21.6	28.8	28.8	36.0
72.5°	0.0	7.2	7.2	14.4	14.4	21.6	21.6	21.6	28.8	28.8	28.8
70°	7.2	7.2	7.2	14.4	14.4	21.6	21.6	21.6	28.8	28.8	28.8
67.5°	7.2	7.2	7.2	14.4	14.4	21.6	21.6	28.8	28.8	28.8	36.0
65°	7.2	7.2	7.2	14.4	21.6	21.6	28.8	36.0	36.0	43.2	50.4
62.5°	7.2	14.4	14.4	21.6	28.8	36.0	79.2	122.5	122.5	86.4	72.0
60°	857.2	929.3	922.1	835.6	727.6	612.3	590.7	569.1	525.9	461.0	482.6
57.5°	1628.0	1714.5	1750.5	1728.9	1671.3	1570.4	1512.8	1447.9	1361.5	1260.6	1145.4
55°	3083.2	3119.2	3040.0	2888.7	2723.0	2557.3	2499.7	2413.2	2283.6	2153.9	1981.0
52.5°	4559.9	4682.4	4646.4	4495.1	4271.8	3976.4	3652.3	3400.1	3248.9	3104.8	2931.9
50°	5568.5	5618.9	5719.7	5899.8	5964.7	5763.0	5237.1	4559.9	4077.3	4322.2	4134.9
47.5°	8788.5	9040.6	8990.2	8860.5	8644.4	8096.9	7362.2	6757.1	6252.8	6087.1	6115.9
45°	10798.3	10899.2	10863.2	10805.5	10704.7	10193.2	9379.2	8449.9	7981.7	7794.4	7599.9
42.5°	12448.0	12556.0	12577.6	12584.8	12476.8	12008.6	11273.8	10344.5	9876.3	9336.0	8911.0
40°	15596.0	15754.5	15574.4	15336.7	14976.5	14443.4	13723.0	12865.8	12037.4	11374.6	10870.4
37.5°	17605.8	17800.3	17872.4	17857.9	17778.7	17548.2	16662.1	15848.1	14580.3	13096.3	13362.8
35°	22374.7	22576.4	22518.7	22302.6	22187.4	21942.4	21078.0	20112.7	18520.7	16907.1	16474.8
32.5°	29484.7	29924.1	29102.9	28202.4	27647.8	27842.3	26963.4	24600.6	23865.8	20955.5	19608.4
30°	31588.2	31581.0	31163.2	30795.8	30341.9	30248.3	28591.4	26704.1	24903.2	22864.5	21164.4
27.5°	30947.0	30817.4	30464.4	30197.9	29772.8	29549.5	27928.7	26430.3	24348.5	22525.9	20883.5
25°	28476.2	28577.0	28216.9	28166.4	28000.7	27568.5	26761.7	25076.0	23217.5	21200.5	20019.1
22.5°	27201.1	27165.1	26732.9	26480.8	26682.5	26221.4	25897.3	24197.2	22259.4	20559.3	19140.2
20°	25126.5	25133.7	25025.6	25004.0	24881.5	24672.6	24413.3	23210.3	21841.6	20386.4	18679.2
17.5°	26286.3	26581.6	26711.3	25637.9	25940.5	25702.8	25429.0	23750.6	22720.4	21431.0	19205.0
15°	27986.3	27878.3	27748.6	27691.0	27525.3	27302.0	26804.9	25465.0	23692.9	22360.3	20624.2
12.5°	28072.8	27863.9	27813.4	27806.2	27633.4	27323.6	26840.9	25731.6	24161.2	22540.3	21128.4
10°	28260.1	28044.0	28015.1	28051.2	27784.6	27590.1	27107.5	26077.4	24305.2	22850.1	21517.4
7.5°	28562.6	28202.4	28368.1	28260.1	28137.6	27827.9	27309.2	26300.7	24831.1	23260.7	21863.2
5°	28641.9	28245.7	28425.8	28324.9	28144.8	27842.3	27280.4	26444.7	25155.3	23426.4	22000.1
2.5°	28447.4	28332.1	28252.9	28065.6	27986.3	27655.0	27121.9	26228.6	25004.0	23354.4	21971.3
0°	28245.7	28346.5	28166.4	27979.1	27943.1	27676.6	27222.7	26415.9	25357.0	23556.1	22216.2
-2.5°	28288.9	28209.6	28087.2	27892.7	27705.4	27323.6	26913.0	26156.6	25018.4	23116.6	21870.4
-5°	28288.9	27921.5	27935.9	27943.1	27755.8	27359.6	26862.6	26221.4	24816.7	23109.4	21769.5
-7.5°	27741.4	27424.4	27374.0	27330.8	27280.4	26913.0	26524.0	25724.4	24478.1	22922.1	21488.6
-10°	26934.6	26624.8	26653.7	26588.8	26430.3	26185.4	25890.1	25169.7	24146.8	22331.4	20919.5
-12.5°	25926.1	25789.2	25710.0	25601.9	25443.4	25227.3	24924.8	24247.6	23152.7	21603.9	20264.0
-15°	24730.3	24629.4	24557.4	24492.5	24262.0	24038.7	23642.5	23015.8	22331.4	20667.4	19298.7
-17.5°	23534.5	23282.3	23181.5	23095.0	22943.8	22583.6	22223.4	21755.1	20797.1	19478.8	18304.6
-20°	22000.1	21848.8	21726.3	21611.1	21395.0	21114.0	20818.7	20278.4	19450.0	18383.8	17166.4



REPORT NUMBER: P722408

CATALOG NUMBER: IFLD-S-SA6E-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°	20393.6	20307.2	20206.3	20062.3	19918.2	19651.7	19241.1	18722.4	18074.1	16921.5	15783.3
-25°	18736.8	18571.1	18448.6	18311.8	18196.5	17951.6	17555.4	17058.3	16244.3	15250.2	14299.3
-27.5°	16784.6	16626.1	16561.3	16402.8	16301.9	16078.6	15682.4	15221.4	14486.6	13651.0	12685.7
-30°	14580.3	14609.1	14537.0	14385.8	14263.3	13975.2	13672.6	13283.6	12707.3	11907.7	11043.3
-32.5°	12541.6	12577.6	12491.2	12332.7	12174.2	11965.3	11684.4	11331.4	10899.2	10135.6	9386.4
-35°	10503.0	10488.6	10416.5	10322.9	10214.8	10041.9	9725.0	9458.4	8961.4	8428.3	7909.7
-37.5°	8673.2	8709.3	8687.6	8637.2	8514.8	8370.7	8111.4	7866.4	7499.0	7030.8	6627.4
-40°	7225.3	7268.5	7239.7	7189.3	7081.2	6994.8	6821.9	6605.8	6310.4	5907.0	5568.5
-42.5°	6115.9	6144.7	6108.7	6065.5	5971.9	5907.0	5770.2	5590.1	5345.1	5035.4	4732.8
-45°	5237.1	5244.3	5208.3	5179.5	5107.4	5028.2	4912.9	4768.8	4574.3	4358.2	4113.3
-47.5°	4545.5	4538.3	4502.3	4473.5	4415.9	4343.8	4250.2	4120.5	3969.2	3803.5	3609.0
-50°	3940.4	3976.4	3962.0	3933.2	3890.0	3839.6	3745.9	3609.0	3457.8	3335.3	3198.4
-52.5°	3522.6	3529.8	3522.6	3522.6	3515.4	3479.4	3371.3	3234.5	3068.8	2960.7	2845.5
-55°	3133.6	3169.6	3184.0	3198.4	3205.6	3205.6	3076.0	2931.9	2773.4	2665.4	2578.9
-57.5°	2816.6	2838.3	2852.7	2888.7	2917.5	2939.1	2823.8	2694.2	2571.7	2470.9	2391.6
-60°	2542.9	2571.7	2593.3	2629.3	2651.0	2665.4	2593.3	2506.9	2434.8	2370.0	2254.8
-62.5°	2298.0	2319.6	2341.2	2362.8	2384.4	2398.8	2370.0	2326.8	2290.8	2262.0	2117.9
-65°	2053.1	2074.7	2096.3	2125.1	2146.7	2161.1	2153.9	2125.1	2096.3	2067.5	1937.8
-67.5°	1829.7	1851.3	1880.2	1887.4	1901.8	1909.0	1894.6	1873.0	1836.9	1800.9	1700.1
-70°	1592.0	1606.4	1620.8	1620.8	1620.8	1613.6	1599.2	1570.4	1534.4	1484.0	1404.7
-72.5°	1375.9	1390.3	1404.7	1383.1	1368.7	1347.1	1325.5	1289.5	1253.4	1217.4	1174.2
-75°	1174.2	1181.4	1181.4	1152.6	1131.0	1109.4	1080.6	1058.9	1022.9	994.1	958.1
-77.5°	936.5	936.5	936.5	914.9	900.5	886.1	864.4	842.8	814.0	792.4	763.6
-80°	727.6	727.6	727.6	720.4	698.8	684.4	669.9	655.5	633.9	619.5	605.1
-82.5°	554.7	554.7	554.7	547.5	533.1	525.9	511.5	497.1	489.9	475.4	468.2
-85°	403.4	410.6	410.6	403.4	396.2	381.8	374.6	367.4	360.2	353.0	338.6
-87.5°	273.7	273.7	273.7	266.5	259.3	259.3	252.1	237.7	223.3	216.1	208.9
-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: P722408

CATALOG NUMBER: IFLD-S-SA6E-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°	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
85°	21.6	21.6	21.6	28.8	28.8	28.8	28.8	28.8	28.8	28.8	21.6
82.5°	36.0	36.0	43.2	43.2	50.4	50.4	50.4	50.4	50.4	50.4	50.4
80°	36.0	43.2	50.4	57.6	64.8	72.0	72.0	72.0	72.0	64.8	64.8
77.5°	43.2	43.2	50.4	57.6	64.8	72.0	79.2	86.4	79.2	79.2	79.2
75°	43.2	50.4	50.4	57.6	64.8	72.0	79.2	86.4	86.4	86.4	86.4
72.5°	36.0	43.2	50.4	57.6	57.6	64.8	72.0	72.0	79.2	79.2	86.4
70°	36.0	43.2	50.4	50.4	57.6	57.6	64.8	72.0	72.0	79.2	79.2
67.5°	43.2	50.4	50.4	57.6	64.8	64.8	64.8	72.0	72.0	79.2	79.2
65°	50.4	57.6	57.6	64.8	72.0	72.0	79.2	79.2	79.2	86.4	86.4
62.5°	86.4	86.4	86.4	79.2	86.4	86.4	86.4	93.6	93.6	86.4	93.6
60°	446.6	324.2	223.3	280.9	252.1	115.3	115.3	115.3	108.1	108.1	100.9
57.5°	1051.7	979.7	842.8	713.2	641.1	569.1	353.0	144.1	144.1	129.7	115.3
55°	1757.7	1520.0	1419.1	1246.2	1058.9	972.5	806.8	547.5	259.3	172.9	151.3
52.5°	2723.0	2499.7	2240.3	1887.4	1635.2	1433.5	1296.7	1030.1	691.6	367.4	230.5
50°	3645.1	3544.2	3385.7	3040.0	2514.1	2175.5	1952.2	1649.6	1239.0	756.4	432.2
47.5°	5871.0	5028.2	4516.7	4250.2	3810.8	3169.6	2737.4	2398.8	1901.8	1275.1	763.6
45°	7391.0	6857.9	6043.9	5482.0	4833.7	4156.5	3594.6	3205.6	2614.9	1909.0	1195.8
42.5°	8694.9	8233.8	7499.0	6677.8	5993.5	5107.4	4387.0	3875.6	3378.5	2607.7	1786.5
40°	10373.3	9825.8	9119.9	8320.3	7520.7	6389.7	5222.7	4603.2	4055.7	3371.3	2413.2
37.5°	13139.5	12174.2	11021.6	10135.6	9091.1	8133.0	6533.7	5438.8	4790.5	4077.3	3148.0
35°	16467.6	15408.7	13485.3	12311.1	10913.6	9487.3	8046.5	6425.7	5503.6	4747.2	3825.2
32.5°	19565.2	18016.4	15552.8	14176.9	13247.6	10618.2	9127.1	7722.4	6238.4	5309.1	4214.2
30°	20422.5	18715.2	16950.3	15343.9	13759.0	11634.0	9869.1	8774.1	7160.5	5647.7	4581.5
27.5°	19558.0	18383.8	17015.1	15524.0	13809.5	11986.9	10322.9	9278.4	7837.6	5878.2	4869.7
25°	18679.2	17454.5	16496.4	15250.2	13665.4	11965.3	10337.3	9595.3	8363.5	6324.8	5028.2
22.5°	17749.9	16986.3	16193.9	14803.6	13305.2	12030.2	10805.5	9869.1	8637.2	6829.1	5093.0
20°	17800.3	17303.3	16431.6	14573.1	13240.4	12412.0	11367.4	10214.8	8932.6	7268.5	5143.4
17.5°	18607.1	17958.8	16863.8	15250.2	13823.9	12801.0	11835.7	10690.3	9235.1	7657.5	5755.7
15°	19601.2	18614.3	17468.9	16049.8	14436.2	13226.0	12195.8	11021.6	9580.9	8017.7	6303.2
12.5°	20321.6	18916.9	17843.5	16561.3	15098.9	13687.0	12433.6	11273.8	9905.1	8313.1	6713.8
10°	20566.5	19291.5	18023.6	16878.2	15437.5	13931.9	12613.7	11432.3	10186.0	8543.6	7016.4
7.5°	20696.2	19615.6	18146.1	17022.3	15639.2	14083.2	12757.7	11518.7	10409.3	8702.1	7210.9
5°	20681.8	19788.5	18239.7	17065.5	15747.3	14148.0	12858.6	11540.3	10567.8	8838.9	7326.2
2.5°	20617.0	19903.8	18391.0	17137.6	15963.4	14270.5	13053.1	11583.5	10625.4	8990.2	7405.4
0°	20854.7	19911.0	18549.5	17159.2	16107.4	14313.7	13139.5	11547.5	10546.2	9033.4	7398.2
-2.5°	20343.2	19486.0	18513.5	16971.9	15912.9	14212.9	12981.0	11432.3	10373.3	8983.0	7369.4
-5°	20256.8	19176.2	18210.9	16799.0	15588.8	14004.0	12685.7	11216.1	10099.6	8817.3	7254.1
-7.5°	20026.3	18880.9	17915.6	16662.1	15286.2	13787.9	12404.8	10992.8	9804.2	8558.0	7088.4
-10°	19522.0	18427.0	17598.6	16366.8	14918.8	13478.1	12066.2	10697.5	9458.4	8205.0	6829.1
-12.5°	18801.6	17706.7	16885.4	15740.1	14457.8	13060.3	11662.8	10315.7	9062.2	7830.4	6519.3
-15°	17987.6	16878.2	16057.0	15012.5	13773.5	12412.0	11151.3	9833.0	8608.4	7434.2	6152.0
-17.5°	17065.5	16013.8	15221.4	14205.7	12973.8	11677.2	10423.7	9227.9	8082.5	7023.6	5726.9
-20°	15999.4	14976.5	14248.9	13233.2	12102.2	10841.6	9624.1	8493.1	7463.0	6468.9	5258.7

REPORT NUMBER: P722408

CATALOG NUMBER: IFLD-S-SA6E-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°	14681.1	13780.7	12952.2	12044.6	11057.7	9905.1	8774.1	7772.8	6785.9	5813.4	4776.0
-25°	13334.0	12462.4	11655.6	10827.1	9883.5	8889.4	7924.1	7016.4	6051.1	5172.2	4307.8
-27.5°	11835.7	11057.7	10337.3	9573.7	8709.3	7852.0	7059.6	6173.6	5337.9	4588.8	3846.8
-30°	10236.4	9602.5	8975.8	8298.7	7599.9	6879.5	6173.6	5337.9	4682.4	4084.5	3457.8
-32.5°	8702.1	8133.0	7628.7	7124.4	6519.3	5928.6	5301.9	4682.4	4134.9	3609.0	3083.2
-35°	7355.0	6749.9	6468.9	6065.5	5582.9	5049.8	4538.3	4106.1	3666.7	3191.2	2723.0
-37.5°	6188.0	5799.0	5467.6	5165.0	4783.2	4322.2	3954.8	3601.8	3234.5	2802.2	2398.8
-40°	5273.1	4992.2	4660.8	4437.5	4127.7	3796.3	3429.0	3133.6	2823.8	2470.9	2139.5
-42.5°	4538.3	4307.8	4091.7	3854.0	3623.5	3342.5	3025.5	2744.6	2463.7	2204.3	1930.6
-45°	3933.2	3767.5	3594.6	3400.1	3198.4	2953.5	2694.2	2406.0	2204.3	1973.8	1743.3
-47.5°	3436.2	3313.7	3169.6	3018.3	2845.5	2629.3	2391.6	2182.7	1973.8	1779.3	1556.0
-50°	3040.0	2924.7	2809.4	2679.8	2528.5	2341.2	2161.1	1966.6	1772.1	1584.8	1375.9
-52.5°	2708.6	2607.7	2514.1	2406.0	2262.0	2103.5	1937.8	1764.9	1584.8	1397.5	1231.8
-55°	2478.1	2362.8	2269.2	2161.1	2031.4	1880.2	1728.9	1570.4	1397.5	1253.4	1116.6
-57.5°	2290.8	2161.1	2053.1	1937.8	1808.1	1678.5	1541.6	1397.5	1267.8	1131.0	1001.3
-60°	2132.3	1981.0	1858.6	1743.3	1620.8	1498.4	1383.1	1260.6	1138.2	1015.7	886.1
-62.5°	1966.6	1808.1	1656.8	1548.8	1455.1	1347.1	1246.2	1131.0	1022.9	900.5	806.8
-65°	1779.3	1628.0	1484.0	1390.3	1303.9	1210.2	1116.6	1015.7	922.1	828.4	742.0
-67.5°	1570.4	1440.7	1339.9	1253.4	1167.0	1087.8	1001.3	914.9	835.6	742.0	655.5
-70°	1318.3	1246.2	1188.6	1123.8	1044.5	972.5	893.3	814.0	727.6	648.3	569.1
-72.5°	1123.8	1080.6	1037.3	972.5	900.5	835.6	770.8	698.8	626.7	554.7	489.9
-75°	922.1	886.1	850.0	806.8	749.2	698.8	641.1	576.3	518.7	468.2	417.8
-77.5°	742.0	713.2	691.6	655.5	612.3	569.1	533.1	489.9	446.6	396.2	345.8
-80°	590.7	576.3	569.1	554.7	518.7	482.6	453.8	417.8	374.6	338.6	302.6
-82.5°	461.0	461.0	453.8	446.6	417.8	389.0	367.4	338.6	309.8	280.9	244.9
-85°	338.6	331.4	331.4	324.2	302.6	288.1	266.5	252.1	230.5	201.7	187.3
-87.5°	201.7	194.5	187.3	180.1	165.7	158.5	144.1	136.9	122.5	108.1	100.9
-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: P722408

CATALOG NUMBER: IFLD-S-SA6E-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°	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	0.0	0.0
85°	21.6	14.4	14.4	14.4	14.4	14.4	7.2	7.2	7.2	7.2	7.2
82.5°	43.2	43.2	36.0	36.0	28.8	21.6	14.4	14.4	14.4	7.2	7.2
80°	64.8	64.8	64.8	57.6	50.4	36.0	28.8	21.6	14.4	7.2	7.2
77.5°	79.2	72.0	72.0	64.8	64.8	57.6	43.2	36.0	21.6	14.4	7.2
75°	79.2	79.2	79.2	72.0	72.0	64.8	57.6	43.2	36.0	21.6	14.4
72.5°	86.4	79.2	79.2	79.2	72.0	64.8	57.6	50.4	43.2	28.8	14.4
70°	79.2	79.2	79.2	79.2	72.0	72.0	57.6	50.4	50.4	28.8	21.6
67.5°	79.2	79.2	79.2	72.0	72.0	64.8	57.6	50.4	50.4	36.0	21.6
65°	86.4	79.2	79.2	79.2	72.0	64.8	57.6	50.4	50.4	43.2	28.8
62.5°	93.6	86.4	86.4	79.2	72.0	64.8	57.6	50.4	50.4	43.2	28.8
60°	100.9	93.6	86.4	86.4	79.2	72.0	57.6	57.6	50.4	43.2	28.8
57.5°	108.1	100.9	100.9	93.6	86.4	79.2	64.8	57.6	50.4	43.2	36.0
55°	129.7	115.3	108.1	108.1	100.9	86.4	72.0	57.6	50.4	43.2	36.0
52.5°	172.9	136.9	122.5	122.5	115.3	100.9	79.2	64.8	50.4	43.2	36.0
50°	273.7	172.9	144.1	129.7	129.7	115.3	93.6	72.0	50.4	43.2	36.0
47.5°	432.2	288.1	172.9	151.3	144.1	136.9	108.1	72.0	57.6	43.2	36.0
45°	713.2	425.0	280.9	180.1	151.3	144.1	122.5	79.2	57.6	50.4	36.0
42.5°	979.7	662.7	432.2	216.1	180.1	158.5	129.7	86.4	64.8	50.4	36.0
40°	1541.6	907.7	605.1	353.0	208.9	165.7	144.1	100.9	64.8	50.4	36.0
37.5°	2089.1	1203.0	814.0	518.7	237.7	187.3	151.3	108.1	72.0	50.4	43.2
35°	2636.6	1685.7	1008.5	691.6	317.0	223.3	158.5	115.3	72.0	50.4	43.2
32.5°	3126.4	2139.5	1210.2	864.4	475.4	266.5	172.9	122.5	79.2	57.6	43.2
30°	3529.8	2557.3	1570.4	1015.7	619.5	324.2	187.3	122.5	86.4	57.6	43.2
27.5°	3832.4	2881.5	1937.8	1174.2	742.0	381.8	216.1	136.9	86.4	57.6	43.2
25°	4077.3	3133.6	2262.0	1339.9	850.0	475.4	259.3	144.1	93.6	64.8	43.2
22.5°	4271.8	3342.5	2528.5	1563.2	979.7	569.1	317.0	158.5	93.6	64.8	43.2
20°	4538.3	3551.4	2708.6	1800.9	1116.6	655.5	367.4	172.9	93.6	64.8	50.4
17.5°	4768.8	3760.3	2852.7	2002.6	1253.4	720.4	425.0	187.3	100.9	64.8	50.4
15°	5035.4	3962.0	2982.3	2161.1	1383.1	778.0	475.4	201.7	100.9	72.0	50.4
12.5°	5323.5	4149.3	3076.0	2290.8	1520.0	828.4	518.7	230.5	108.1	72.0	50.4
10°	5618.9	4307.8	3155.2	2384.4	1620.8	878.9	547.5	259.3	115.3	72.0	50.4
7.5°	5914.2	4451.9	3256.1	2427.6	1664.1	936.5	561.9	288.1	115.3	79.2	50.4
5°	6115.9	4545.5	3400.1	2456.5	1685.7	1001.3	583.5	324.2	122.5	79.2	50.4
2.5°	6288.8	4603.2	3551.4	2478.1	1692.9	1037.3	576.3	345.8	129.7	79.2	50.4
0°	6368.1	4603.2	3652.3	2463.7	1671.3	1073.3	576.3	367.4	129.7	79.2	50.4
-2.5°	6245.6	4732.8	3623.5	2470.9	1678.5	1073.3	605.1	374.6	144.1	86.4	50.4
-5°	6051.1	4783.2	3537.0	2434.8	1664.1	1073.3	641.1	381.8	151.3	86.4	57.6
-7.5°	5863.8	4804.9	3436.2	2398.8	1642.4	1044.5	648.3	374.6	165.7	93.6	57.6
-10°	5618.9	4567.1	3306.5	2334.0	1599.2	1022.9	662.7	374.6	172.9	93.6	57.6
-12.5°	5337.9	4279.0	3148.0	2240.3	1548.8	1001.3	669.9	374.6	180.1	100.9	57.6
-15°	5013.8	3983.6	2967.9	2139.5	1476.8	972.5	655.5	367.4	187.3	100.9	64.8
-17.5°	4646.4	3695.5	2780.6	2017.0	1397.5	936.5	626.7	360.2	187.3	100.9	64.8
-20°	4228.6	3407.3	2571.7	1894.6	1303.9	893.3	597.9	345.8	187.3	100.9	64.8



REPORT NUMBER: P722408

CATALOG NUMBER: IFLD-S-SA6E-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°	3854.0	3140.8	2355.6	1757.7	1203.0	842.8	561.9	331.4	187.3	108.1	64.8
-25°	3544.2	2881.5	2189.9	1620.8	1095.0	785.2	525.9	317.0	187.3	108.1	64.8
-27.5°	3220.0	2600.5	2017.0	1491.2	1022.9	734.8	489.9	302.6	180.1	108.1	64.8
-30°	2888.7	2326.8	1836.9	1347.1	950.9	684.4	461.0	280.9	180.1	108.1	64.8
-32.5°	2586.1	2103.5	1671.3	1203.0	871.6	633.9	432.2	273.7	172.9	108.1	64.8
-35°	2290.8	1901.8	1498.4	1087.8	785.2	583.5	403.4	266.5	172.9	108.1	64.8
-37.5°	2045.8	1714.5	1339.9	1008.5	734.8	540.3	374.6	252.1	165.7	108.1	64.8
-40°	1844.1	1541.6	1188.6	922.1	691.6	497.1	345.8	244.9	165.7	108.1	64.8
-42.5°	1656.8	1375.9	1095.0	850.0	648.3	468.2	324.2	237.7	158.5	108.1	64.8
-45°	1491.2	1231.8	1001.3	785.2	597.9	432.2	309.8	223.3	151.3	108.1	72.0
-47.5°	1325.5	1131.0	914.9	727.6	547.5	389.0	295.4	216.1	144.1	100.9	72.0
-50°	1195.8	1022.9	842.8	662.7	497.1	374.6	280.9	201.7	144.1	100.9	72.0
-52.5°	1080.6	922.1	763.6	597.9	453.8	353.0	266.5	187.3	136.9	100.9	72.0
-55°	972.5	828.4	684.4	533.1	425.0	331.4	244.9	172.9	136.9	100.9	72.0
-57.5°	864.4	742.0	605.1	482.6	389.0	309.8	230.5	172.9	136.9	100.9	72.0
-60°	778.0	662.7	547.5	446.6	360.2	280.9	208.9	165.7	129.7	100.9	72.0
-62.5°	706.0	597.9	497.1	403.4	331.4	252.1	201.7	165.7	129.7	100.9	64.8
-65°	633.9	540.3	446.6	367.4	295.4	237.7	194.5	158.5	129.7	100.9	64.8
-67.5°	561.9	475.4	403.4	324.2	273.7	230.5	187.3	158.5	122.5	93.6	64.8
-70°	489.9	417.8	353.0	302.6	259.3	216.1	180.1	151.3	122.5	86.4	57.6
-72.5°	432.2	367.4	317.0	280.9	244.9	208.9	172.9	144.1	115.3	79.2	50.4
-75°	367.4	324.2	288.1	252.1	223.3	194.5	165.7	129.7	100.9	72.0	50.4
-77.5°	309.8	280.9	252.1	230.5	201.7	172.9	144.1	115.3	93.6	64.8	43.2
-80°	266.5	244.9	223.3	201.7	180.1	151.3	129.7	100.9	79.2	57.6	36.0
-82.5°	216.1	201.7	180.1	165.7	151.3	129.7	108.1	86.4	57.6	43.2	28.8
-85°	165.7	151.3	144.1	129.7	115.3	93.6	72.0	57.6	43.2	28.8	14.4
-87.5°	86.4	79.2	72.0	64.8	57.6	43.2	36.0	28.8	21.6	14.4	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: P722408

CATALOG NUMBER: IFLD-S-SA6E-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°	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°	14.4	7.2	0.0	0.0
65°	14.4	7.2	0.0	0.0
62.5°	14.4	7.2	0.0	0.0
60°	14.4	7.2	0.0	0.0
57.5°	21.6	7.2	7.2	0.0
55°	21.6	7.2	7.2	0.0
52.5°	21.6	7.2	7.2	0.0
50°	21.6	14.4	7.2	0.0
47.5°	21.6	14.4	7.2	0.0
45°	21.6	14.4	7.2	0.0
42.5°	21.6	14.4	7.2	0.0
40°	28.8	14.4	7.2	0.0
37.5°	28.8	14.4	7.2	0.0
35°	28.8	14.4	7.2	0.0
32.5°	28.8	14.4	7.2	0.0
30°	28.8	14.4	7.2	0.0
27.5°	28.8	21.6	7.2	0.0
25°	28.8	21.6	7.2	0.0
22.5°	36.0	21.6	7.2	0.0
20°	36.0	21.6	7.2	0.0
17.5°	36.0	21.6	7.2	0.0
15°	36.0	21.6	7.2	0.0
12.5°	36.0	21.6	7.2	0.0
10°	36.0	21.6	7.2	0.0
7.5°	36.0	21.6	7.2	0.0
5°	36.0	21.6	7.2	0.0
2.5°	36.0	21.6	7.2	0.0
0°	36.0	21.6	7.2	0.0
-2.5°	36.0	21.6	7.2	0.0
-5°	36.0	21.6	7.2	0.0
-7.5°	36.0	21.6	7.2	0.0
-10°	36.0	21.6	7.2	0.0
-12.5°	43.2	21.6	7.2	0.0
-15°	43.2	21.6	7.2	0.0
-17.5°	43.2	21.6	7.2	0.0
-20°	43.2	21.6	7.2	0.0

REPORT NUMBER: P722408

CATALOG NUMBER: IFLD-S-SA6E-727-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	43.2	21.6	7.2	0.0
-25°	43.2	21.6	7.2	0.0
-27.5°	43.2	21.6	7.2	0.0
-30°	43.2	21.6	7.2	0.0
-32.5°	43.2	21.6	7.2	0.0
-35°	43.2	21.6	7.2	0.0
-37.5°	43.2	21.6	7.2	0.0
-40°	43.2	21.6	7.2	0.0
-42.5°	36.0	21.6	7.2	0.0
-45°	43.2	21.6	7.2	0.0
-47.5°	43.2	21.6	7.2	0.0
-50°	43.2	21.6	7.2	0.0
-52.5°	43.2	21.6	7.2	0.0
-55°	43.2	21.6	7.2	0.0
-57.5°	43.2	21.6	7.2	0.0
-60°	43.2	21.6	7.2	0.0
-62.5°	36.0	21.6	7.2	0.0
-65°	36.0	14.4	7.2	0.0
-67.5°	36.0	14.4	7.2	0.0
-70°	36.0	14.4	7.2	0.0
-72.5°	28.8	14.4	7.2	0.0
-75°	28.8	14.4	7.2	0.0
-77.5°	21.6	7.2	0.0	0.0
-80°	21.6	7.2	0.0	0.0
-82.5°	14.4	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)