

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: P722609

Luminaire Tested: **IFLD-S-SA6C-830-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722609
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA6C-830-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (96) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

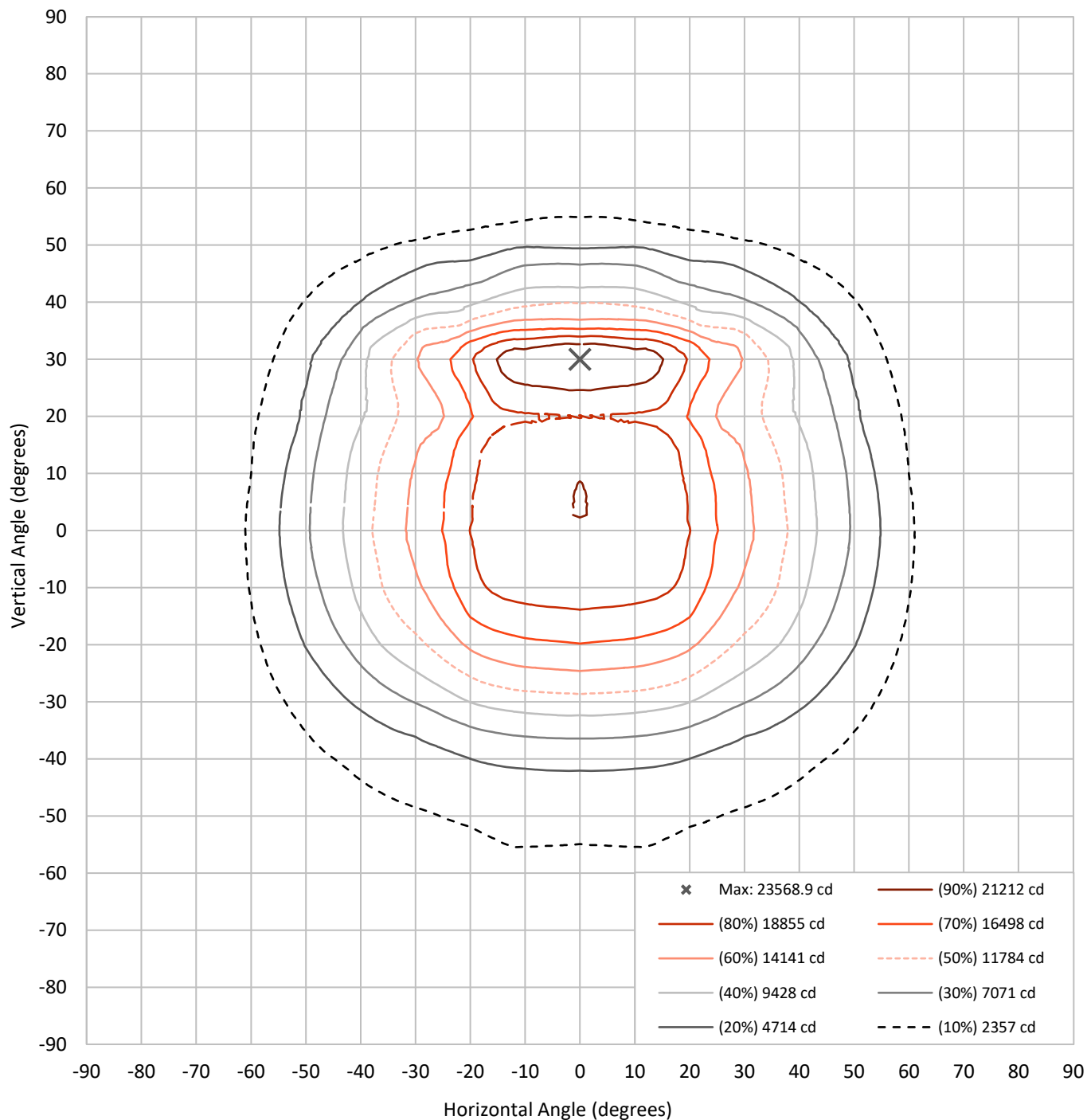
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	33760.9 lumens	Max Intensity:	23568.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	105.0 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	68.6°H x 68.4°V	Field Angle (10%):	111.9°H x 109.7°V
Beam Lumens:	21538 lumens	Field Lumens:	31829 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%
Input Watts (W):	321.5		
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: P722609

CATALOG NUMBER: IFLD-S-SA6C-830-U-76-VI

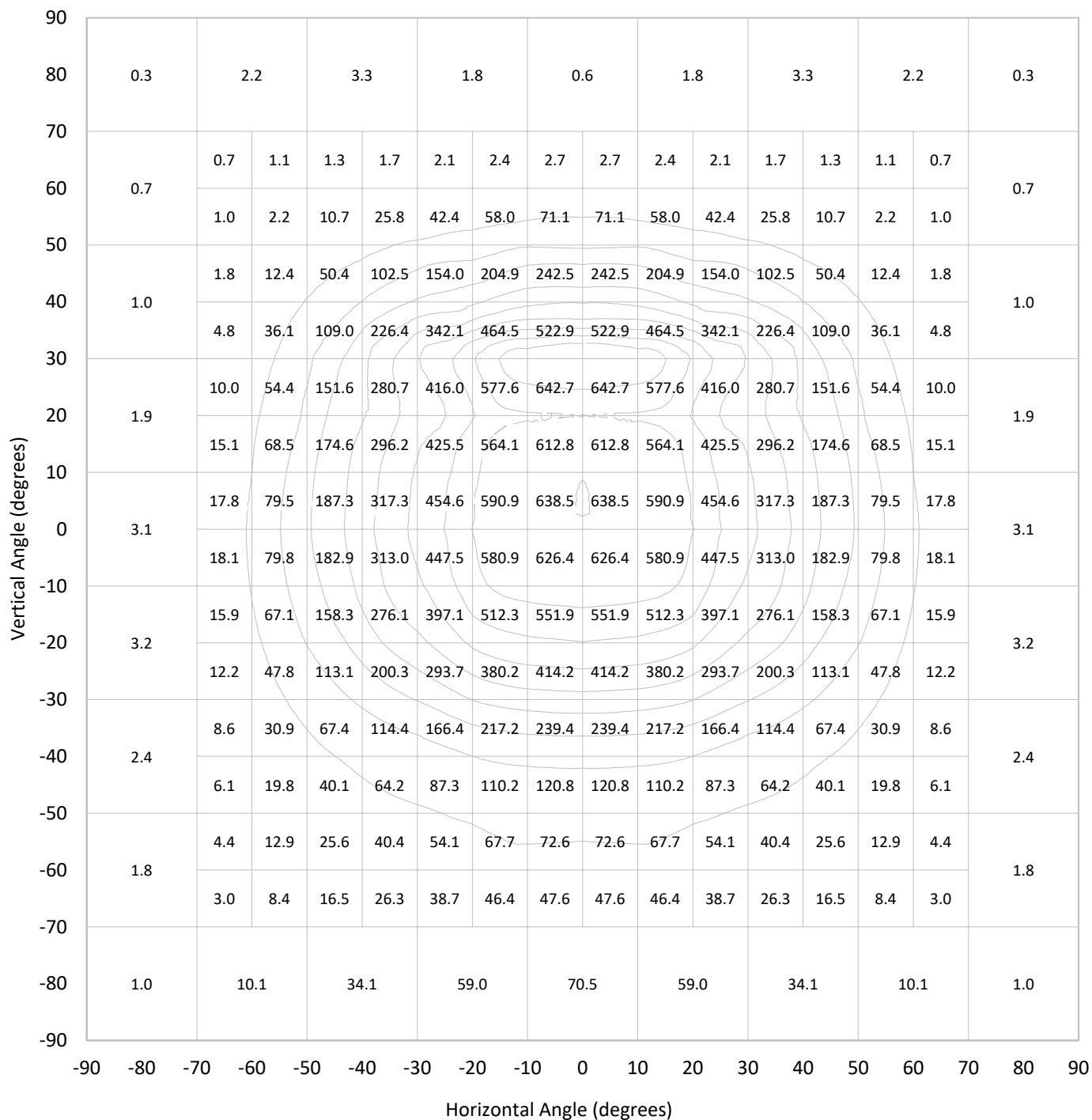
Iso-Candela Plot



REPORT NUMBER: P722609

CATALOG NUMBER: IFLD-S-SA6C-830-U-76-VI

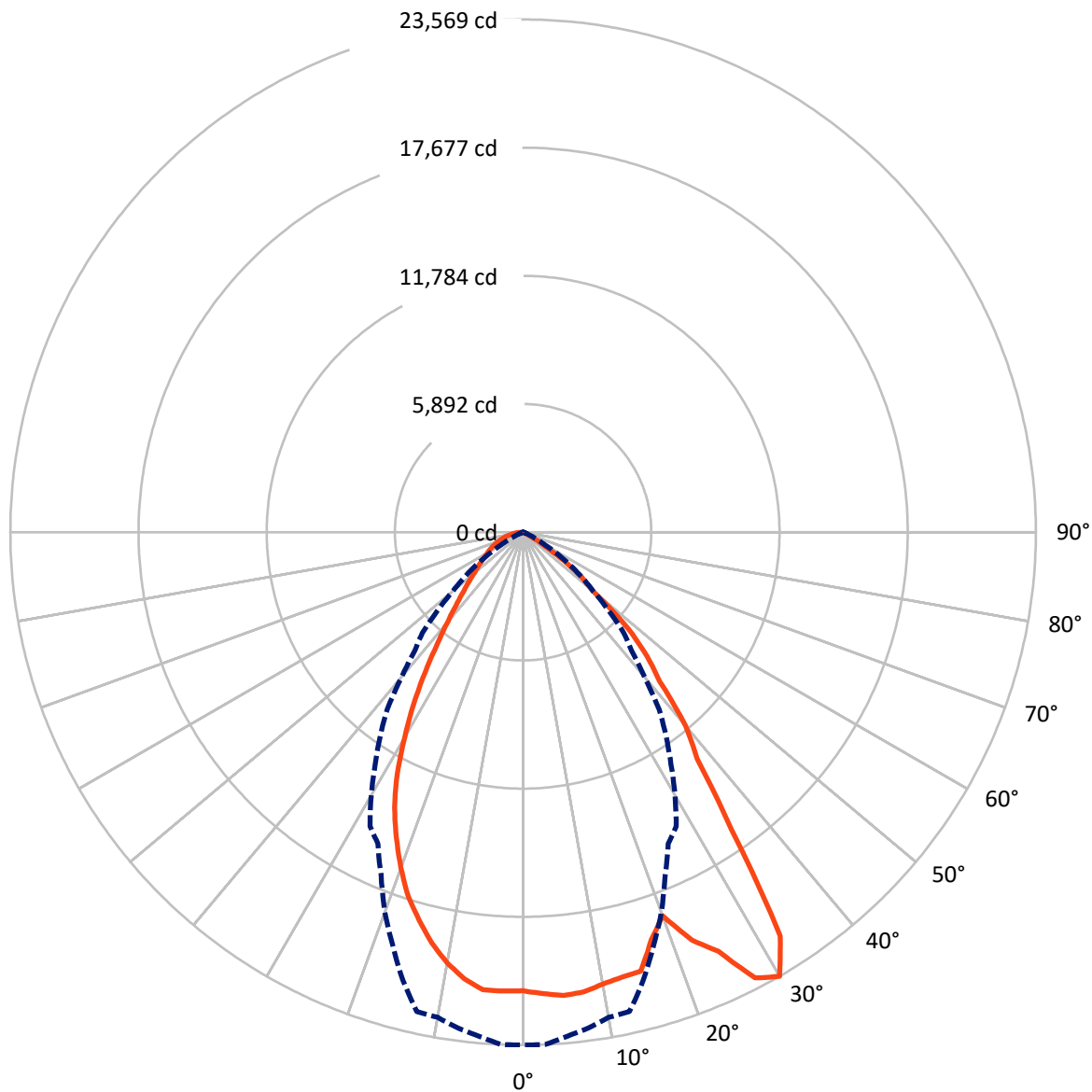
Lumen Table



REPORT NUMBER: P722609

CATALOG NUMBER: IFLD-S-SA6C-830-U-76-VI

Luminous Intensity Polar Plot



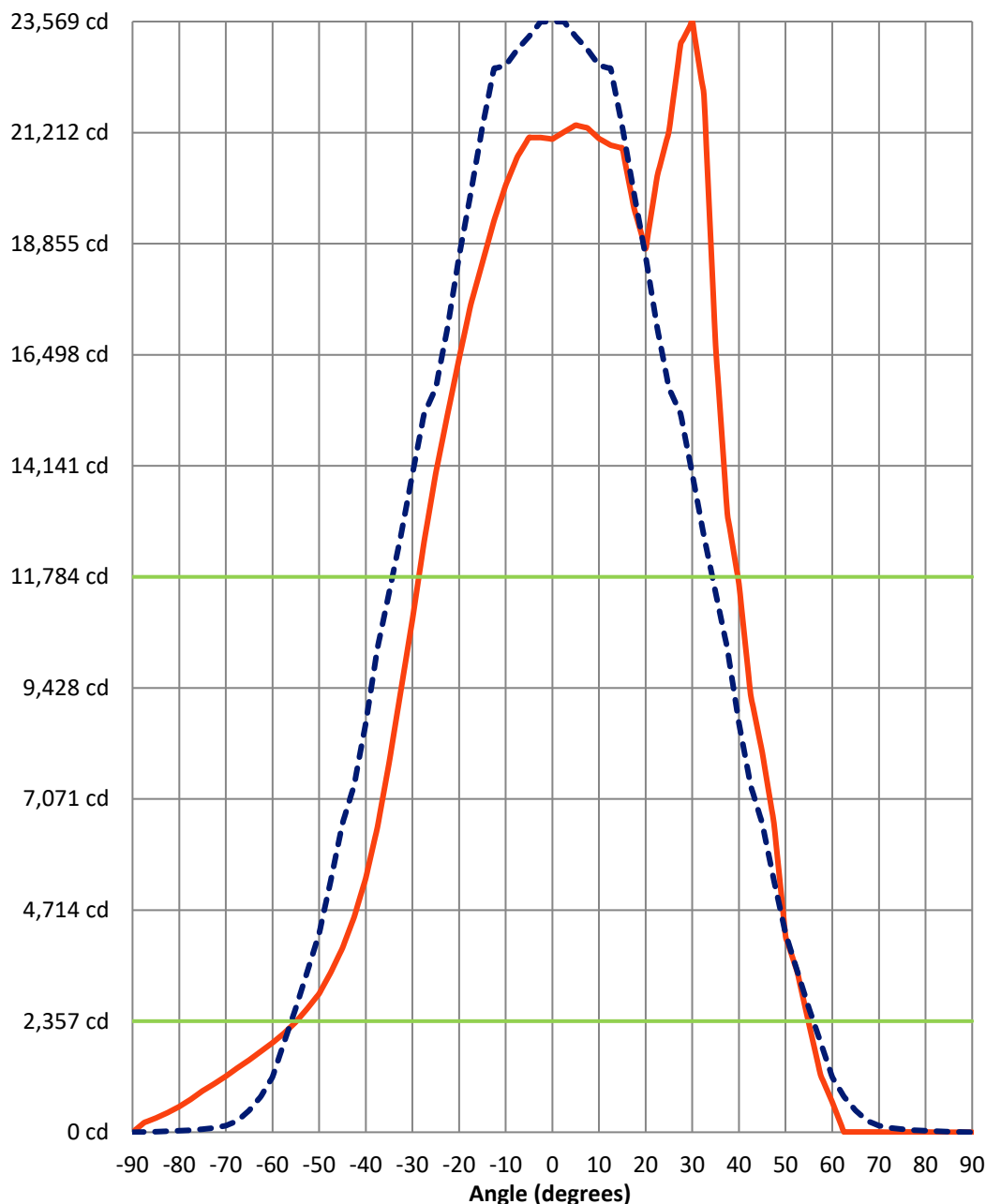
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

REPORT NUMBER: P722609

CATALOG NUMBER: IFLD-S-SA6C-830-U-76-VI

Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 21538

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 31829

Efficiency: 94.3%

Spill:

Lumens: 1931.9

Efficiency: 5.7%

— Vertical Distribution through 0-Deg

- - - Horizontal Distribution through 30-Deg

REPORT NUMBER: P722609

CATALOG NUMBER: IFLD-S-SA6C-830-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	5.4	5.4	5.4	5.4	5.4	5.4	5.4
85°	0.0	5.4	5.4	5.4	10.7	10.7	10.7	10.7	10.7	10.7	16.1
82.5°	0.0	5.4	5.4	5.4	10.7	10.7	10.7	10.7	16.1	16.1	21.5
80°	5.4	5.4	5.4	5.4	10.7	10.7	10.7	16.1	16.1	21.5	21.5
77.5°	5.4	5.4	5.4	10.7	10.7	10.7	16.1	16.1	21.5	21.5	26.9
75°	5.4	5.4	5.4	10.7	10.7	16.1	16.1	16.1	21.5	21.5	26.9
72.5°	0.0	5.4	5.4	10.7	10.7	16.1	16.1	16.1	21.5	21.5	21.5
70°	5.4	5.4	5.4	10.7	10.7	16.1	16.1	16.1	21.5	21.5	21.5
67.5°	5.4	5.4	5.4	10.7	10.7	16.1	16.1	21.5	21.5	21.5	26.9
65°	5.4	5.4	5.4	10.7	16.1	16.1	21.5	26.9	26.9	32.2	37.6
62.5°	5.4	10.7	10.7	16.1	21.5	26.9	59.1	91.4	91.4	64.5	53.7
60°	639.6	693.4	688.0	623.5	542.9	456.9	440.7	424.6	392.4	344.0	360.1
57.5°	1214.7	1279.2	1306.1	1290.0	1247.0	1171.7	1128.7	1080.4	1015.9	940.6	854.6
55°	2300.5	2327.3	2268.2	2155.3	2031.7	1908.1	1865.1	1800.6	1703.8	1607.1	1478.1
52.5°	3402.3	3493.7	3466.8	3353.9	3187.3	2966.9	2725.1	2536.9	2424.1	2316.6	2187.6
50°	4154.8	4192.4	4267.7	4402.0	4450.4	4299.9	3907.5	3402.3	3042.2	3224.9	3085.2
47.5°	6557.4	6745.5	6707.9	6611.1	6449.9	6041.4	5493.1	5041.6	4665.4	4541.8	4563.3
45°	8057.0	8132.2	8105.3	8062.3	7987.1	7605.5	6998.1	6304.7	5955.4	5815.6	5670.5
42.5°	9287.8	9368.4	9384.6	9389.9	9309.3	8959.9	8411.7	7718.3	7369.0	6965.9	6648.7
40°	11636.6	11754.9	11620.5	11443.1	11174.4	10776.6	10239.2	9599.5	8981.4	8486.9	8110.7
37.5°	13136.2	13281.3	13335.1	13324.3	13265.2	13093.2	12432.1	11824.8	10878.8	9771.5	9970.4
35°	16694.4	16844.9	16801.9	16640.6	16554.7	16371.9	15726.9	15006.7	13818.8	12614.9	12292.4
32.5°	21999.4	22327.3	21714.5	21042.7	20628.8	20773.9	20118.2	18355.2	17807.0	15635.5	14630.4
30°	23568.9	23563.5	23251.8	22977.6	22639.0	22569.1	21332.9	19924.7	18581.0	17059.9	15791.4
27.5°	23090.5	22993.8	22730.4	22531.5	22214.4	22047.8	20838.4	19720.5	18167.1	16807.3	15581.8
25°	21246.9	21322.2	21053.4	21015.8	20892.2	20569.7	19967.7	18710.0	17323.3	15818.3	14936.8
22.5°	20295.6	20268.7	19946.2	19758.1	19908.6	19564.6	19322.7	18054.2	16608.4	15339.9	14281.1
20°	18747.6	18753.0	18672.4	18656.2	18564.9	18409.0	18215.5	17317.9	16296.7	15210.9	13937.1
17.5°	19613.0	19833.3	19930.1	19129.2	19355.0	19177.6	18973.4	17721.0	16952.4	15990.3	14329.4
15°	20881.4	20800.8	20704.1	20661.1	20537.4	20370.8	20000.0	19000.2	17678.0	16683.6	15388.3
12.5°	20945.9	20790.1	20752.4	20747.1	20618.1	20386.9	20026.8	19199.1	18027.4	16818.0	15764.5
10°	21085.7	20924.4	20902.9	20929.8	20730.9	20585.8	20225.7	19457.1	18134.9	17049.1	16054.8
7.5°	21311.4	21042.7	21166.3	21085.7	20994.3	20763.2	20376.2	19623.7	18527.2	17355.5	16312.8
5°	21370.5	21074.9	21209.3	21134.1	20999.7	20773.9	20354.7	19731.2	18769.1	17479.1	16414.9
2.5°	21225.4	21139.4	21080.3	20940.6	20881.4	20634.2	20236.4	19570.0	18656.2	17425.4	16393.4
0°	21074.9	21150.2	21015.8	20876.1	20849.2	20650.3	20311.7	19709.7	18919.6	17575.9	16576.2
-2.5°	21107.2	21048.1	20956.7	20811.6	20671.8	20386.9	20080.6	19516.2	18667.0	17248.0	16318.2
-5°	21107.2	20833.1	20843.8	20849.2	20709.4	20413.8	20043.0	19564.6	18516.5	17242.6	16242.9
-7.5°	20698.7	20462.2	20424.6	20392.3	20354.7	20080.6	19790.3	19193.7	18263.9	17102.9	16033.3
-10°	20096.7	19865.6	19887.1	19838.7	19720.5	19537.7	19317.3	18779.9	18016.6	16662.1	15608.7
-12.5°	19344.2	19242.1	19183.0	19102.3	18984.1	18822.9	18597.1	18091.9	17274.9	16119.3	15119.6
-15°	18452.0	18376.7	18323.0	18274.6	18102.6	17936.0	17640.4	17172.8	16662.1	15420.6	14399.3
-17.5°	17559.8	17371.6	17296.4	17231.9	17119.0	16850.3	16581.5	16232.2	15517.3	14533.7	13657.6
-20°	16414.9	16302.0	16210.7	16124.7	15963.4	15753.8	15533.4	15130.3	14512.2	13716.7	12808.4

REPORT NUMBER: P722609

CATALOG NUMBER: IFLD-S-SA6C-830-U-76-VI

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	15216.3	15151.8	15076.6	14969.1	14861.6	14662.7	14356.3	13969.3	13485.6	12625.6	11776.4
-25°	13980.1	13856.5	13765.1	13663.0	13577.0	13394.2	13098.6	12727.7	12120.4	11378.6	10669.2
-27.5°	12523.5	12405.2	12356.9	12238.6	12163.4	11996.7	11701.1	11357.1	10808.9	10185.4	9465.2
-30°	10878.8	10900.3	10846.5	10733.6	10642.3	10427.3	10201.5	9911.3	9481.3	8884.7	8239.7
-32.5°	9357.7	9384.6	9320.1	9201.8	9083.6	8927.7	8718.1	8454.7	8132.2	7562.5	7003.5
-35°	7836.6	7825.8	7772.1	7702.2	7621.6	7492.6	7256.1	7057.2	6686.4	6288.6	5901.6
-37.5°	6471.4	6498.2	6482.1	6444.5	6353.1	6245.6	6052.1	5869.4	5595.3	5245.9	4944.9
-40°	5391.0	5423.3	5401.8	5364.1	5283.5	5219.0	5090.0	4928.8	4708.4	4407.4	4154.8
-42.5°	4563.3	4584.8	4557.9	4525.7	4455.8	4407.4	4305.3	4170.9	3988.2	3757.0	3531.3
-45°	3907.5	3912.9	3886.0	3864.5	3810.8	3751.7	3665.7	3558.2	3413.1	3251.8	3069.1
-47.5°	3391.6	3386.2	3359.3	3337.8	3294.8	3241.1	3171.2	3074.4	2961.6	2837.9	2692.8
-50°	2940.1	2966.9	2956.2	2934.7	2902.4	2864.8	2794.9	2692.8	2579.9	2488.6	2386.4
-52.5°	2628.3	2633.7	2628.3	2628.3	2622.9	2596.1	2515.4	2413.3	2289.7	2209.1	2123.1
-55°	2338.1	2365.0	2375.7	2386.4	2391.8	2391.8	2295.1	2187.6	2069.3	1988.7	1924.2
-57.5°	2101.6	2117.7	2128.5	2155.3	2176.8	2193.0	2107.0	2010.2	1918.8	1843.6	1784.5
-60°	1897.3	1918.8	1935.0	1961.8	1978.0	1988.7	1935.0	1870.5	1816.7	1768.3	1682.3
-62.5°	1714.6	1730.7	1746.8	1763.0	1779.1	1789.8	1768.3	1736.1	1709.2	1687.7	1580.2
-65°	1531.8	1548.0	1564.1	1585.6	1601.7	1612.5	1607.1	1585.6	1564.1	1542.6	1445.8
-67.5°	1365.2	1381.3	1402.8	1408.2	1419.0	1424.3	1413.6	1397.5	1370.6	1343.7	1268.5
-70°	1187.8	1198.6	1209.3	1209.3	1209.3	1204.0	1193.2	1171.7	1144.9	1107.2	1048.1
-72.5°	1026.6	1037.4	1048.1	1032.0	1021.2	1005.1	989.0	962.1	935.2	908.4	876.1
-75°	876.1	881.5	881.5	860.0	843.9	827.7	806.2	790.1	763.2	741.7	714.9
-77.5°	698.7	698.7	698.7	682.6	671.9	661.1	645.0	628.9	607.4	591.2	569.7
-80°	542.9	542.9	542.9	537.5	521.4	510.6	499.9	489.1	473.0	462.2	451.5
-82.5°	413.9	413.9	413.9	408.5	397.7	392.4	381.6	370.9	365.5	354.7	349.4
-85°	301.0	306.4	306.4	301.0	295.6	284.9	279.5	274.1	268.7	263.4	252.6
-87.5°	204.2	204.2	204.2	198.9	193.5	193.5	188.1	177.4	166.6	161.2	155.9
-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: P722609

CATALOG NUMBER: IFLD-S-SA6C-830-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°	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4
85°	16.1	16.1	16.1	21.5	21.5	21.5	21.5	21.5	21.5	21.5	16.1
82.5°	26.9	26.9	32.2	32.2	37.6	37.6	37.6	37.6	37.6	37.6	37.6
80°	26.9	32.2	37.6	43.0	48.4	53.7	53.7	53.7	53.7	48.4	48.4
77.5°	32.2	32.2	37.6	43.0	48.4	53.7	59.1	64.5	59.1	59.1	59.1
75°	32.2	37.6	37.6	43.0	48.4	53.7	59.1	64.5	64.5	64.5	64.5
72.5°	26.9	32.2	37.6	43.0	43.0	48.4	53.7	53.7	59.1	59.1	64.5
70°	26.9	32.2	37.6	37.6	43.0	43.0	48.4	53.7	53.7	59.1	59.1
67.5°	32.2	37.6	37.6	43.0	48.4	48.4	48.4	53.7	53.7	59.1	59.1
65°	37.6	43.0	43.0	48.4	53.7	53.7	59.1	59.1	59.1	64.5	64.5
62.5°	64.5	64.5	64.5	59.1	64.5	64.5	64.5	69.9	69.9	64.5	69.9
60°	333.2	241.9	166.6	209.6	188.1	86.0	86.0	86.0	80.6	80.6	75.2
57.5°	784.7	731.0	628.9	532.1	478.4	424.6	263.4	107.5	107.5	96.7	86.0
55°	1311.5	1134.1	1058.9	929.9	790.1	725.6	602.0	408.5	193.5	129.0	112.9
52.5°	2031.7	1865.1	1671.6	1408.2	1220.1	1069.6	967.5	768.6	516.0	274.1	172.0
50°	2719.7	2644.4	2526.2	2268.2	1875.8	1623.2	1456.6	1230.8	924.5	564.4	322.5
47.5°	4380.5	3751.7	3370.1	3171.2	2843.3	2365.0	2042.5	1789.8	1419.0	951.4	569.7
45°	5514.6	5116.9	4509.5	4090.3	3606.5	3101.3	2682.1	2391.8	1951.1	1424.3	892.2
42.5°	6487.5	6143.5	5595.3	4982.5	4471.9	3810.8	3273.3	2891.7	2520.8	1945.7	1333.0
40°	7739.8	7331.3	6804.6	6208.0	5611.4	4767.5	3896.8	3434.6	3026.1	2515.4	1800.6
37.5°	9803.8	9083.6	8223.6	7562.5	6783.1	6068.2	4875.0	4058.0	3574.3	3042.2	2348.8
35°	12287.0	11496.9	10061.8	9185.7	8143.0	7078.7	6003.7	4794.4	4106.4	3542.1	2854.1
32.5°	14598.2	13442.6	11604.4	10577.8	9884.4	7922.6	6810.0	5761.9	4654.7	3961.3	3144.3
30°	15237.8	13964.0	12647.1	11448.5	10266.0	8680.4	7363.6	6546.6	5342.6	4213.9	3418.4
27.5°	14592.8	13716.7	12695.5	11582.9	10303.7	8943.8	7702.2	6922.9	5847.9	4385.9	3633.4
25°	13937.1	13023.4	12308.5	11378.6	10196.2	8927.7	7713.0	7159.3	6240.2	4719.2	3751.7
22.5°	13243.7	12674.0	12082.7	11045.4	9927.4	8976.1	8062.3	7363.6	6444.5	5095.4	3800.0
20°	13281.3	12910.5	12260.1	10873.4	9879.0	9260.9	8481.6	7621.6	6664.9	5423.3	3837.7
17.5°	13883.3	13399.6	12582.6	11378.6	10314.4	9551.2	8830.9	7976.3	6890.6	5713.5	4294.5
15°	14625.1	13888.7	13034.1	11975.2	10771.3	9868.3	9099.7	8223.6	7148.6	5982.2	4703.0
12.5°	15162.6	14114.5	13313.6	12356.9	11265.8	10212.3	9277.1	8411.7	7390.5	6202.6	5009.4
10°	15345.3	14393.9	13448.0	12593.4	11518.4	10395.0	9411.4	8529.9	7600.1	6374.6	5235.1
7.5°	15442.0	14635.8	13539.3	12700.9	11668.9	10507.9	9518.9	8594.4	7766.7	6492.9	5380.3
5°	15431.3	14764.8	13609.2	12733.1	11749.5	10556.3	9594.2	8610.6	7885.0	6595.0	5466.3
2.5°	15382.9	14850.8	13722.1	12786.9	11910.7	10647.7	9739.3	8642.8	7928.0	6707.9	5525.4
0°	15560.3	14856.2	13840.3	12803.0	12018.2	10679.9	9803.8	8615.9	7868.8	6740.1	5520.0
-2.5°	15178.7	14539.1	13813.5	12663.2	11873.1	10604.7	9685.5	8529.9	7739.8	6702.5	5498.5
-5°	15114.2	14307.9	13587.7	12534.2	11631.3	10448.8	9465.2	8368.7	7535.6	6578.9	5412.5
-7.5°	14942.2	14087.6	13367.3	12432.1	11405.5	10287.5	9255.6	8202.1	7315.2	6385.4	5288.9
-10°	14565.9	13749.0	13130.8	12211.7	11131.4	10056.4	9002.9	7981.7	7057.2	6122.0	5095.4
-12.5°	14028.5	13211.5	12598.7	11744.1	10787.4	9744.7	8701.9	7696.8	6761.6	5842.5	4864.3
-15°	13421.1	12593.4	11980.6	11201.3	10276.8	9260.9	8320.3	7336.7	6423.0	5546.9	4590.2
-17.5°	12733.1	11948.4	11357.1	10599.3	9680.2	8712.7	7777.5	6885.2	6030.6	5240.5	4273.0
-20°	11937.6	11174.4	10631.5	9873.7	9029.8	8089.2	7180.8	6337.0	5568.4	4826.6	3923.7

REPORT NUMBER: P722609

CATALOG NUMBER: IFLD-S-SA6C-830-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°	10954.0	10282.2	9664.0	8986.8	8250.5	7390.5	6546.6	5799.5	5063.1	4337.5	3563.5
-25°	9948.9	9298.6	8696.6	8078.5	7374.3	6632.6	5912.4	5235.1	4514.9	3859.2	3214.2
-27.5°	8830.9	8250.5	7713.0	7143.2	6498.2	5858.6	5267.4	4606.3	3982.8	3423.8	2870.2
-30°	7637.7	7164.7	6697.1	6191.9	5670.5	5133.0	4606.3	3982.8	3493.7	3047.6	2579.9
-32.5°	6492.9	6068.2	5692.0	5315.8	4864.3	4423.5	3955.9	3493.7	3085.2	2692.8	2300.5
-35°	5487.8	5036.3	4826.6	4525.7	4165.5	3767.8	3386.2	3063.7	2735.8	2381.1	2031.7
-37.5°	4617.0	4326.8	4079.5	3853.8	3568.9	3224.9	2950.8	2687.4	2413.3	2090.8	1789.8
-40°	3934.4	3724.8	3477.6	3310.9	3079.8	2832.6	2558.4	2338.1	2107.0	1843.6	1596.3
-42.5°	3386.2	3214.2	3052.9	2875.6	2703.6	2493.9	2257.5	2047.8	1838.2	1644.7	1440.5
-45°	2934.7	2811.1	2682.1	2536.9	2386.4	2203.7	2010.2	1795.2	1644.7	1472.7	1300.7
-47.5°	2563.8	2472.4	2365.0	2252.1	2123.1	1961.8	1784.5	1628.6	1472.7	1327.6	1161.0
-50°	2268.2	2182.2	2096.2	1999.5	1886.6	1746.8	1612.5	1467.3	1322.2	1182.5	1026.6
-52.5°	2021.0	1945.7	1875.8	1795.2	1687.7	1569.5	1445.8	1316.8	1182.5	1042.7	919.1
-55°	1849.0	1763.0	1693.1	1612.5	1515.7	1402.8	1290.0	1171.7	1042.7	935.2	833.1
-57.5°	1709.2	1612.5	1531.8	1445.8	1349.1	1252.3	1150.2	1042.7	946.0	843.9	747.1
-60°	1591.0	1478.1	1386.7	1300.7	1209.3	1118.0	1032.0	940.6	849.2	757.9	661.1
-62.5°	1467.3	1349.1	1236.2	1155.6	1085.7	1005.1	929.9	843.9	763.2	671.9	602.0
-65°	1327.6	1214.7	1107.2	1037.4	972.9	903.0	833.1	757.9	688.0	618.1	553.6
-67.5°	1171.7	1075.0	999.7	935.2	870.7	811.6	747.1	682.6	623.5	553.6	489.1
-70°	983.6	929.9	886.9	838.5	779.4	725.6	666.5	607.4	542.9	483.7	424.6
-72.5°	838.5	806.2	774.0	725.6	671.9	623.5	575.1	521.4	467.6	413.9	365.5
-75°	688.0	661.1	634.2	602.0	559.0	521.4	478.4	430.0	387.0	349.4	311.7
-77.5°	553.6	532.1	516.0	489.1	456.9	424.6	397.7	365.5	333.2	295.6	258.0
-80°	440.7	430.0	424.6	413.9	387.0	360.1	338.6	311.7	279.5	252.6	225.7
-82.5°	344.0	344.0	338.6	333.2	311.7	290.2	274.1	252.6	231.1	209.6	182.7
-85°	252.6	247.2	247.2	241.9	225.7	215.0	198.9	188.1	172.0	150.5	139.7
-87.5°	150.5	145.1	139.7	134.4	123.6	118.2	107.5	102.1	91.4	80.6	75.2
-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: P722609

CATALOG NUMBER: IFLD-S-SA6C-830-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°	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	0.0	0.0
85°	16.1	10.7	10.7	10.7	10.7	10.7	5.4	5.4	5.4	5.4	5.4
82.5°	32.2	32.2	26.9	26.9	21.5	16.1	10.7	10.7	10.7	5.4	5.4
80°	48.4	48.4	48.4	43.0	37.6	26.9	21.5	16.1	10.7	5.4	5.4
77.5°	59.1	53.7	53.7	48.4	48.4	43.0	32.2	26.9	16.1	10.7	5.4
75°	59.1	59.1	59.1	53.7	53.7	48.4	43.0	32.2	26.9	16.1	10.7
72.5°	64.5	59.1	59.1	59.1	53.7	48.4	43.0	37.6	32.2	21.5	10.7
70°	59.1	59.1	59.1	59.1	53.7	53.7	43.0	37.6	37.6	21.5	16.1
67.5°	59.1	59.1	59.1	53.7	53.7	48.4	43.0	37.6	37.6	26.9	16.1
65°	64.5	59.1	59.1	59.1	53.7	48.4	43.0	37.6	37.6	32.2	21.5
62.5°	69.9	64.5	64.5	59.1	53.7	48.4	43.0	37.6	37.6	32.2	21.5
60°	75.2	69.9	64.5	64.5	59.1	53.7	43.0	43.0	37.6	32.2	21.5
57.5°	80.6	75.2	75.2	69.9	64.5	59.1	48.4	43.0	37.6	32.2	26.9
55°	96.7	86.0	80.6	80.6	75.2	64.5	53.7	43.0	37.6	32.2	26.9
52.5°	129.0	102.1	91.4	91.4	86.0	75.2	59.1	48.4	37.6	32.2	26.9
50°	204.2	129.0	107.5	96.7	96.7	86.0	69.9	53.7	37.6	32.2	26.9
47.5°	322.5	215.0	129.0	112.9	107.5	102.1	80.6	53.7	43.0	32.2	26.9
45°	532.1	317.1	209.6	134.4	112.9	107.5	91.4	59.1	43.0	37.6	26.9
42.5°	731.0	494.5	322.5	161.2	134.4	118.2	96.7	64.5	48.4	37.6	26.9
40°	1150.2	677.2	451.5	263.4	155.9	123.6	107.5	75.2	48.4	37.6	26.9
37.5°	1558.7	897.6	607.4	387.0	177.4	139.7	112.9	80.6	53.7	37.6	32.2
35°	1967.2	1257.7	752.5	516.0	236.5	166.6	118.2	86.0	53.7	37.6	32.2
32.5°	2332.7	1596.3	903.0	645.0	354.7	198.9	129.0	91.4	59.1	43.0	32.2
30°	2633.7	1908.1	1171.7	757.9	462.2	241.9	139.7	91.4	64.5	43.0	32.2
27.5°	2859.4	2150.0	1445.8	876.1	553.6	284.9	161.2	102.1	64.5	43.0	32.2
25°	3042.2	2338.1	1687.7	999.7	634.2	354.7	193.5	107.5	69.9	48.4	32.2
22.5°	3187.3	2493.9	1886.6	1166.4	731.0	424.6	236.5	118.2	69.9	48.4	32.2
20°	3386.2	2649.8	2021.0	1343.7	833.1	489.1	274.1	129.0	69.9	48.4	37.6
17.5°	3558.2	2805.7	2128.5	1494.2	935.2	537.5	317.1	139.7	75.2	48.4	37.6
15°	3757.0	2956.2	2225.2	1612.5	1032.0	580.5	354.7	150.5	75.2	53.7	37.6
12.5°	3972.0	3095.9	2295.1	1709.2	1134.1	618.1	387.0	172.0	80.6	53.7	37.6
10°	4192.4	3214.2	2354.2	1779.1	1209.3	655.7	408.5	193.5	86.0	53.7	37.6
7.5°	4412.8	3321.7	2429.4	1811.3	1241.6	698.7	419.2	215.0	86.0	59.1	37.6
5°	4563.3	3391.6	2536.9	1832.8	1257.7	747.1	435.4	241.9	91.4	59.1	37.6
2.5°	4692.3	3434.6	2649.8	1849.0	1263.1	774.0	430.0	258.0	96.7	59.1	37.6
0°	4751.4	3434.6	2725.1	1838.2	1247.0	800.9	430.0	274.1	96.7	59.1	37.6
-2.5°	4660.0	3531.3	2703.6	1843.6	1252.3	800.9	451.5	279.5	107.5	64.5	37.6
-5°	4514.9	3568.9	2639.1	1816.7	1241.6	800.9	478.4	284.9	112.9	64.5	43.0
-7.5°	4375.2	3585.0	2563.8	1789.8	1225.5	779.4	483.7	279.5	123.6	69.9	43.0
-10°	4192.4	3407.7	2467.1	1741.5	1193.2	763.2	494.5	279.5	129.0	69.9	43.0
-12.5°	3982.8	3192.7	2348.8	1671.6	1155.6	747.1	499.9	279.5	134.4	75.2	43.0
-15°	3740.9	2972.3	2214.5	1596.3	1101.9	725.6	489.1	274.1	139.7	75.2	48.4
-17.5°	3466.8	2757.3	2074.7	1505.0	1042.7	698.7	467.6	268.7	139.7	75.2	48.4
-20°	3155.1	2542.3	1918.8	1413.6	972.9	666.5	446.1	258.0	139.7	75.2	48.4

REPORT NUMBER: P722609

CATALOG NUMBER: IFLD-S-SA6C-830-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	2875.6	2343.5	1757.6	1311.5	897.6	628.9	419.2	247.2	139.7	80.6	48.4
-25°	2644.4	2150.0	1634.0	1209.3	817.0	585.9	392.4	236.5	139.7	80.6	48.4
-27.5°	2402.6	1940.3	1505.0	1112.6	763.2	548.2	365.5	225.7	134.4	80.6	48.4
-30°	2155.3	1736.1	1370.6	1005.1	709.5	510.6	344.0	209.6	134.4	80.6	48.4
-32.5°	1929.6	1569.5	1247.0	897.6	650.4	473.0	322.5	204.2	129.0	80.6	48.4
-35°	1709.2	1419.0	1118.0	811.6	585.9	435.4	301.0	198.9	129.0	80.6	48.4
-37.5°	1526.5	1279.2	999.7	752.5	548.2	403.1	279.5	188.1	123.6	80.6	48.4
-40°	1376.0	1150.2	886.9	688.0	516.0	370.9	258.0	182.7	123.6	80.6	48.4
-42.5°	1236.2	1026.6	817.0	634.2	483.7	349.4	241.9	177.4	118.2	80.6	48.4
-45°	1112.6	919.1	747.1	585.9	446.1	322.5	231.1	166.6	112.9	80.6	53.7
-47.5°	989.0	843.9	682.6	542.9	408.5	290.2	220.4	161.2	107.5	75.2	53.7
-50°	892.2	763.2	628.9	494.5	370.9	279.5	209.6	150.5	107.5	75.2	53.7
-52.5°	806.2	688.0	569.7	446.1	338.6	263.4	198.9	139.7	102.1	75.2	53.7
-55°	725.6	618.1	510.6	397.7	317.1	247.2	182.7	129.0	102.1	75.2	53.7
-57.5°	645.0	553.6	451.5	360.1	290.2	231.1	172.0	129.0	102.1	75.2	53.7
-60°	580.5	494.5	408.5	333.2	268.7	209.6	155.9	123.6	96.7	75.2	53.7
-62.5°	526.7	446.1	370.9	301.0	247.2	188.1	150.5	123.6	96.7	75.2	48.4
-65°	473.0	403.1	333.2	274.1	220.4	177.4	145.1	118.2	96.7	75.2	48.4
-67.5°	419.2	354.7	301.0	241.9	204.2	172.0	139.7	118.2	91.4	69.9	48.4
-70°	365.5	311.7	263.4	225.7	193.5	161.2	134.4	112.9	91.4	64.5	43.0
-72.5°	322.5	274.1	236.5	209.6	182.7	155.9	129.0	107.5	86.0	59.1	37.6
-75°	274.1	241.9	215.0	188.1	166.6	145.1	123.6	96.7	75.2	53.7	37.6
-77.5°	231.1	209.6	188.1	172.0	150.5	129.0	107.5	86.0	69.9	48.4	32.2
-80°	198.9	182.7	166.6	150.5	134.4	112.9	96.7	75.2	59.1	43.0	26.9
-82.5°	161.2	150.5	134.4	123.6	112.9	96.7	80.6	64.5	43.0	32.2	21.5
-85°	123.6	112.9	107.5	96.7	86.0	69.9	53.7	43.0	32.2	21.5	10.7
-87.5°	64.5	59.1	53.7	48.4	43.0	32.2	26.9	21.5	16.1	10.7	5.4
-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: P722609

CATALOG NUMBER: IFLD-S-SA6C-830-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°	5.4	0.0	0.0	0.0
77.5°	5.4	0.0	0.0	0.0
75°	5.4	5.4	0.0	0.0
72.5°	5.4	5.4	0.0	0.0
70°	5.4	5.4	0.0	0.0
67.5°	10.7	5.4	0.0	0.0
65°	10.7	5.4	0.0	0.0
62.5°	10.7	5.4	0.0	0.0
60°	10.7	5.4	0.0	0.0
57.5°	16.1	5.4	5.4	0.0
55°	16.1	5.4	5.4	0.0
52.5°	16.1	5.4	5.4	0.0
50°	16.1	10.7	5.4	0.0
47.5°	16.1	10.7	5.4	0.0
45°	16.1	10.7	5.4	0.0
42.5°	16.1	10.7	5.4	0.0
40°	21.5	10.7	5.4	0.0
37.5°	21.5	10.7	5.4	0.0
35°	21.5	10.7	5.4	0.0
32.5°	21.5	10.7	5.4	0.0
30°	21.5	10.7	5.4	0.0
27.5°	21.5	16.1	5.4	0.0
25°	21.5	16.1	5.4	0.0
22.5°	26.9	16.1	5.4	0.0
20°	26.9	16.1	5.4	0.0
17.5°	26.9	16.1	5.4	0.0
15°	26.9	16.1	5.4	0.0
12.5°	26.9	16.1	5.4	0.0
10°	26.9	16.1	5.4	0.0
7.5°	26.9	16.1	5.4	0.0
5°	26.9	16.1	5.4	0.0
2.5°	26.9	16.1	5.4	0.0
0°	26.9	16.1	5.4	0.0
-2.5°	26.9	16.1	5.4	0.0
-5°	26.9	16.1	5.4	0.0
-7.5°	26.9	16.1	5.4	0.0
-10°	26.9	16.1	5.4	0.0
-12.5°	32.2	16.1	5.4	0.0
-15°	32.2	16.1	5.4	0.0
-17.5°	32.2	16.1	5.4	0.0
-20°	32.2	16.1	5.4	0.0

REPORT NUMBER: P722609

CATALOG NUMBER: IFLD-S-SA6C-830-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	32.2	16.1	5.4	0.0
-25°	32.2	16.1	5.4	0.0
-27.5°	32.2	16.1	5.4	0.0
-30°	32.2	16.1	5.4	0.0
-32.5°	32.2	16.1	5.4	0.0
-35°	32.2	16.1	5.4	0.0
-37.5°	32.2	16.1	5.4	0.0
-40°	32.2	16.1	5.4	0.0
-42.5°	26.9	16.1	5.4	0.0
-45°	32.2	16.1	5.4	0.0
-47.5°	32.2	16.1	5.4	0.0
-50°	32.2	16.1	5.4	0.0
-52.5°	32.2	16.1	5.4	0.0
-55°	32.2	16.1	5.4	0.0
-57.5°	32.2	16.1	5.4	0.0
-60°	32.2	16.1	5.4	0.0
-62.5°	26.9	16.1	5.4	0.0
-65°	26.9	10.7	5.4	0.0
-67.5°	26.9	10.7	5.4	0.0
-70°	26.9	10.7	5.4	0.0
-72.5°	21.5	10.7	5.4	0.0
-75°	21.5	10.7	5.4	0.0
-77.5°	16.1	5.4	0.0	0.0
-80°	16.1	5.4	0.0	0.0
-82.5°	10.7	5.4	0.0	0.0
-85°	5.4	5.4	0.0	0.0
-87.5°	5.4	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)