

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: P722429

Luminaire Tested: **IFLD-S-SA3B-730-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722429
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA3B-730-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (48) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	15843.7 lumens	Max Intensity:	11060.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	129.4 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:	10107.6 lumens	Field Lumens:	14937.1 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

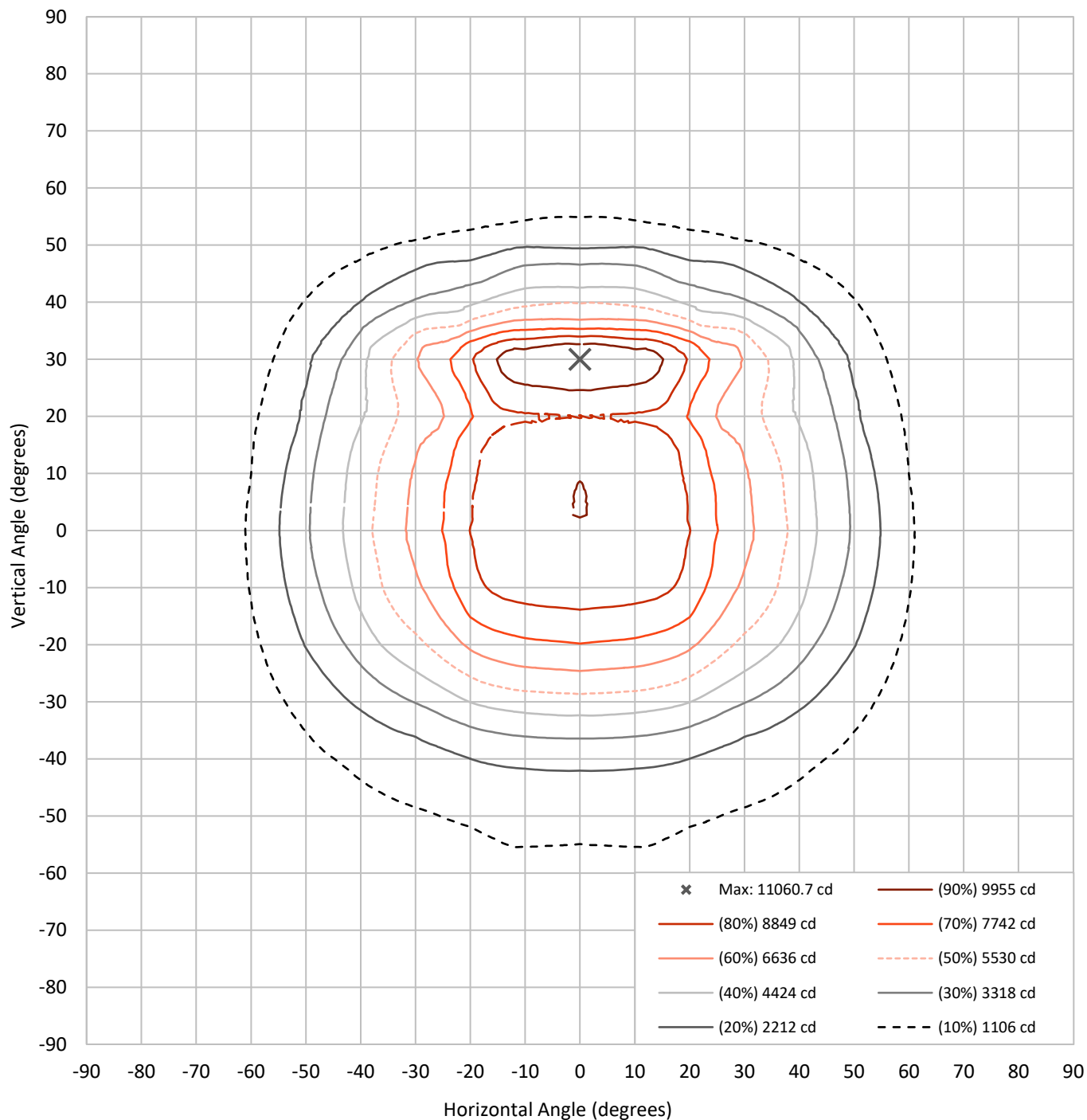
Input Watts (W): 122.4
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



REPORT NUMBER: P722429

CATALOG NUMBER: IFLD-S-SA3B-730-U-76-VI

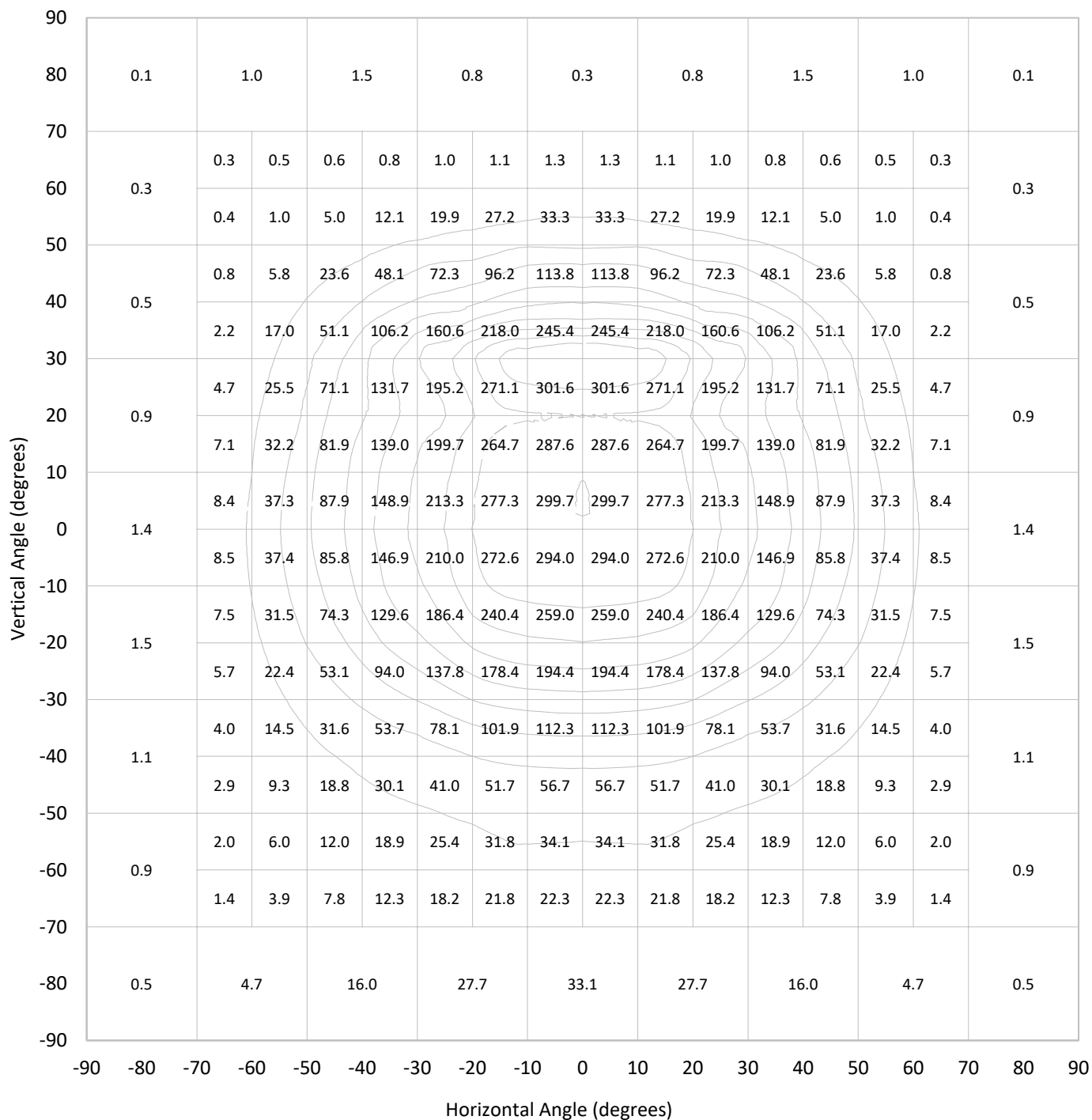
Iso-Candela Plot



REPORT NUMBER: P722429

CATALOG NUMBER: IFLD-S-SA3B-730-U-76-VI

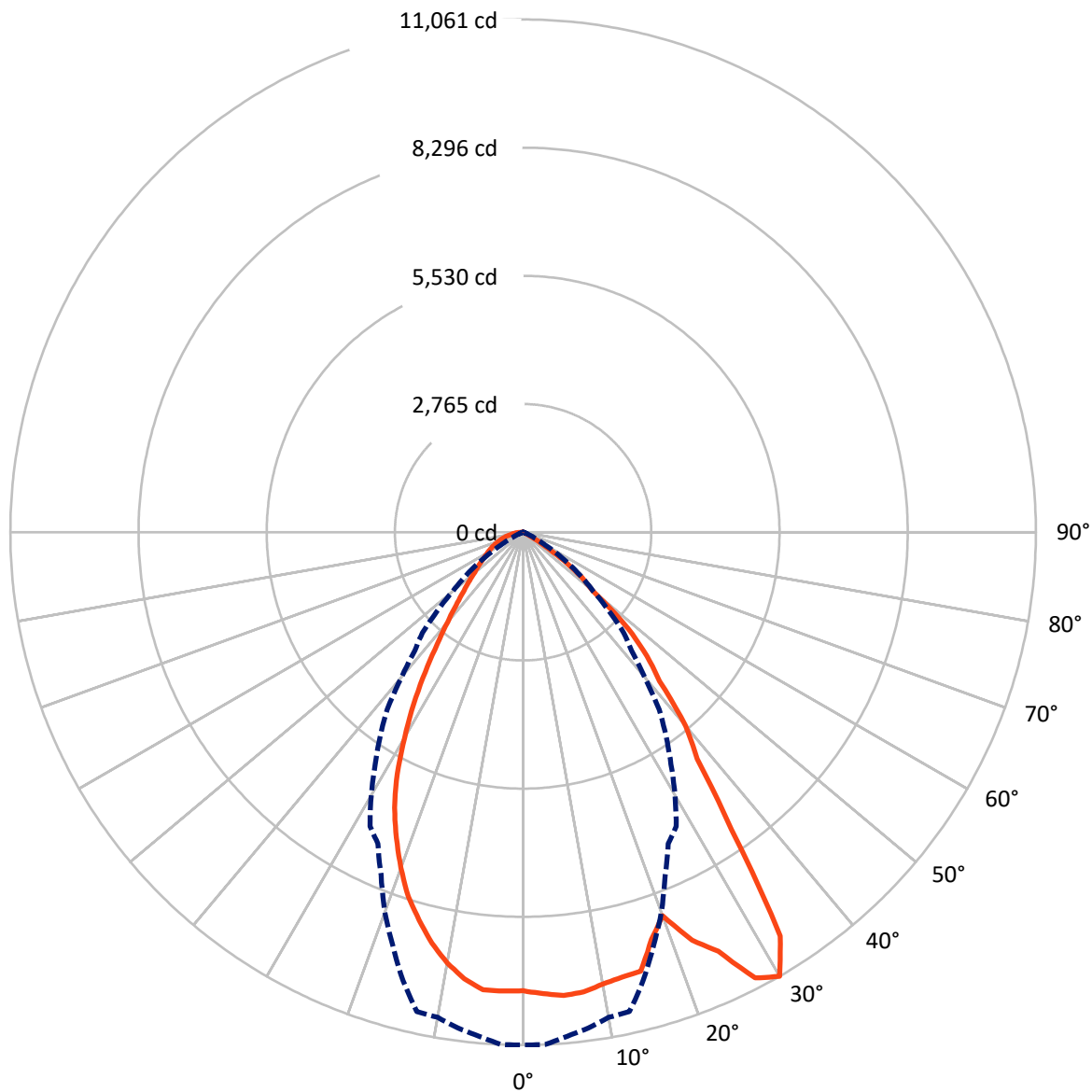
Lumen Table



REPORT NUMBER: P722429

CATALOG NUMBER: IFLD-S-SA3B-730-U-76-VI

Luminous Intensity Polar Plot

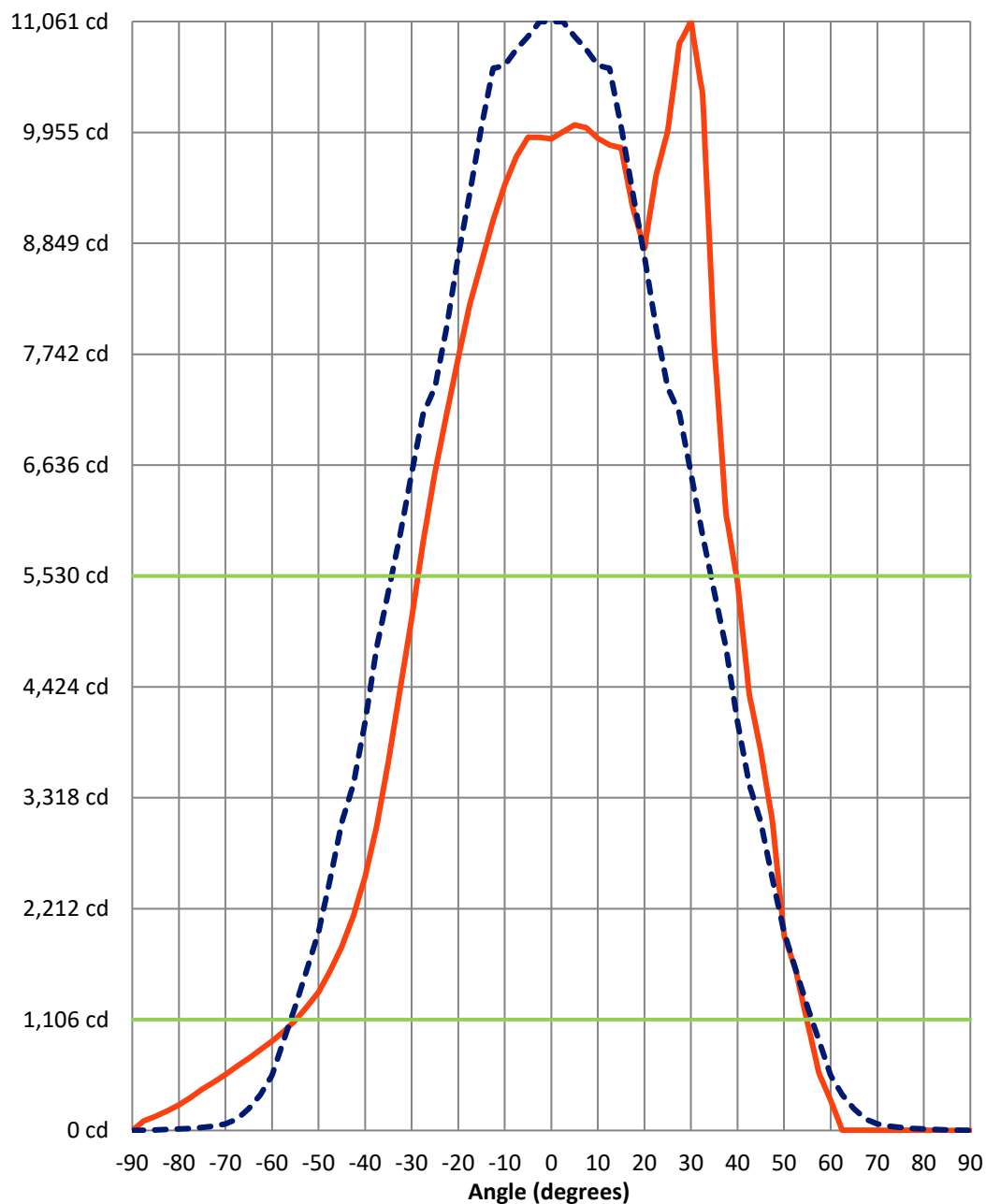


— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 30-Deg

REPORT NUMBER: P722429

CATALOG NUMBER: IFLD-S-SA3B-730-U-76-VI

Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 10107.6

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 14937.1

Efficiency: 94.3%

Spill:

Lumens: 906.6

Efficiency: 5.7%

— Vertical Distribution through 0-Deg

- - - Horizontal Distribution through 30-Deg

REPORT NUMBER: P722429

CATALOG NUMBER: IFLD-S-SA3B-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	2.5	2.5	2.5	2.5	2.5	2.5	2.5
85°	0.0	2.5	2.5	2.5	5.0	5.0	5.0	5.0	5.0	5.0	7.6
82.5°	0.0	2.5	2.5	2.5	5.0	5.0	5.0	5.0	7.6	7.6	10.1
80°	2.5	2.5	2.5	2.5	5.0	5.0	5.0	7.6	7.6	10.1	10.1
77.5°	2.5	2.5	2.5	5.0	5.0	5.0	7.6	7.6	10.1	10.1	12.6
75°	2.5	2.5	2.5	5.0	5.0	7.6	7.6	7.6	10.1	10.1	12.6
72.5°	0.0	2.5	2.5	5.0	5.0	7.6	7.6	7.6	10.1	10.1	10.1
70°	2.5	2.5	2.5	5.0	5.0	7.6	7.6	7.6	10.1	10.1	10.1
67.5°	2.5	2.5	2.5	5.0	5.0	7.6	7.6	10.1	10.1	10.1	12.6
65°	2.5	2.5	2.5	5.0	7.6	7.6	10.1	12.6	12.6	15.1	17.7
62.5°	2.5	5.0	5.0	7.6	10.1	12.6	27.7	42.9	42.9	30.3	25.2
60°	300.2	325.4	322.9	292.6	254.8	214.4	206.8	199.3	184.1	161.4	169.0
57.5°	570.1	600.3	612.9	605.4	585.2	549.9	529.7	507.0	476.7	441.4	401.1
55°	1079.6	1092.2	1064.4	1011.5	953.5	895.4	875.3	845.0	799.6	754.2	693.7
52.5°	1596.7	1639.6	1626.9	1574.0	1495.8	1392.4	1278.9	1190.6	1137.6	1087.2	1026.6
50°	1949.8	1967.5	2002.8	2065.8	2088.5	2017.9	1833.8	1596.7	1427.7	1513.4	1447.9
47.5°	3077.3	3165.6	3147.9	3102.5	3026.9	2835.2	2577.9	2366.0	2189.4	2131.4	2141.5
45°	3781.1	3816.4	3803.8	3783.6	3748.3	3569.2	3284.2	2958.8	2794.8	2729.2	2661.1
42.5°	4358.7	4396.5	4404.1	4406.6	4368.8	4204.8	3947.5	3622.2	3458.2	3269.0	3120.2
40°	5461.0	5516.5	5453.4	5370.2	5244.1	5057.4	4805.2	4505.0	4214.9	3982.9	3806.3
37.5°	6164.7	6232.8	6258.1	6253.0	6225.3	6144.5	5834.3	5549.3	5105.3	4585.7	4679.0
35°	7834.5	7905.2	7885.0	7809.3	7769.0	7683.2	7380.5	7042.5	6485.1	5920.1	5768.7
32.5°	10324.1	10478.0	10190.5	9875.2	9680.9	9749.0	9441.3	8614.0	8356.7	7337.6	6865.9
30°	11060.7	11058.2	10911.9	10783.2	10624.3	10591.5	10011.4	9350.5	8719.9	8006.1	7410.8
27.5°	10836.2	10790.8	10667.2	10573.9	10425.0	10346.8	9779.3	9254.7	8525.7	7887.5	7312.4
25°	9971.0	10006.3	9880.2	9862.5	9804.5	9653.2	9370.7	8780.4	8129.7	7423.4	7009.7
22.5°	9524.5	9511.9	9360.6	9272.3	9342.9	9181.5	9068.0	8472.7	7794.2	7198.9	6702.0
20°	8798.1	8800.6	8762.8	8755.2	8712.3	8639.2	8548.4	8127.1	7647.9	7138.4	6540.6
17.5°	9204.2	9307.6	9353.0	8977.2	9083.1	8999.9	8904.0	8316.3	7955.6	7504.1	6724.7
15°	9799.5	9761.7	9716.2	9696.1	9638.1	9559.9	9385.8	8916.7	8296.1	7829.5	7221.6
12.5°	9829.8	9756.6	9739.0	9736.4	9675.9	9567.4	9398.4	9010.0	8460.1	7892.6	7398.2
10°	9895.3	9819.7	9809.6	9822.2	9728.9	9660.8	9491.8	9131.1	8510.5	8001.0	7534.4
7.5°	10001.3	9875.2	9933.2	9895.3	9852.5	9744.0	9562.4	9209.2	8694.7	8144.8	7655.5
5°	10029.0	9890.3	9953.4	9918.0	9855.0	9749.0	9552.3	9259.7	8808.2	8202.8	7703.4
2.5°	9960.9	9920.6	9892.8	9827.2	9799.5	9683.5	9496.8	9184.0	8755.2	8177.6	7693.3
0°	9890.3	9925.6	9862.5	9797.0	9784.4	9691.0	9532.1	9249.6	8878.8	8248.2	7779.1
-2.5°	9905.4	9877.7	9834.8	9766.7	9701.1	9567.4	9423.7	9158.8	8760.3	8094.4	7658.0
-5°	9905.4	9776.8	9781.8	9784.4	9718.8	9580.0	9406.0	9181.5	8689.6	8091.8	7622.7
-7.5°	9713.7	9602.7	9585.1	9570.0	9552.3	9423.7	9287.4	9007.5	8571.1	8026.2	7524.3
-10°	9431.2	9322.8	9332.8	9310.1	9254.7	9168.9	9065.5	8813.2	8455.1	7819.4	7325.0
-12.5°	9078.1	9030.2	9002.4	8964.6	8909.1	8833.4	8727.5	8490.4	8107.0	7564.7	7095.5
-15°	8659.4	8624.1	8598.8	8576.1	8495.4	8417.2	8278.5	8059.0	7819.4	7236.7	6757.5
-17.5°	8240.7	8152.4	8117.1	8086.8	8033.8	7907.7	7781.6	7617.6	7282.1	6820.5	6409.4
-20°	7703.4	7650.4	7607.5	7567.2	7491.5	7393.1	7289.7	7100.5	6810.5	6437.1	6010.9

REPORT NUMBER: P722429

CATALOG NUMBER: IFLD-S-SA3B-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°	7140.9	7110.6	7075.3	7024.9	6974.4	6881.1	6737.3	6555.7	6328.7	5925.1	5526.6
-25°	6560.7	6502.7	6459.8	6411.9	6371.6	6285.8	6147.1	5973.0	5688.0	5339.9	5006.9
-27.5°	5877.2	5821.7	5799.0	5743.5	5708.2	5630.0	5491.2	5329.8	5072.5	4779.9	4441.9
-30°	5105.3	5115.4	5090.2	5037.2	4994.3	4893.4	4787.5	4651.3	4449.5	4169.5	3866.8
-32.5°	4391.5	4404.1	4373.8	4318.3	4262.8	4189.7	4091.3	3967.7	3816.4	3549.0	3286.7
-35°	3677.6	3672.6	3647.4	3614.6	3576.8	3516.2	3405.2	3311.9	3137.9	2951.2	2769.6
-37.5°	3037.0	3049.6	3042.0	3024.3	2981.5	2931.0	2840.2	2754.5	2625.8	2461.9	2320.6
-40°	2530.0	2545.1	2535.0	2517.3	2479.5	2449.2	2388.7	2313.0	2209.6	2068.4	1949.8
-42.5°	2141.5	2151.6	2139.0	2123.9	2091.1	2068.4	2020.4	1957.4	1871.6	1763.2	1657.2
-45°	1833.8	1836.3	1823.7	1813.6	1788.4	1760.6	1720.3	1669.8	1601.7	1526.0	1440.3
-47.5°	1591.6	1589.1	1576.5	1566.4	1546.2	1521.0	1488.2	1442.8	1389.8	1331.8	1263.7
-50°	1379.7	1392.4	1387.3	1377.2	1362.1	1344.4	1311.6	1263.7	1210.7	1167.9	1119.9
-52.5°	1233.4	1236.0	1233.4	1233.4	1230.9	1218.3	1180.5	1132.6	1074.5	1036.7	996.3
-55°	1097.2	1109.9	1114.9	1119.9	1122.5	1122.5	1077.1	1026.6	971.1	933.3	903.0
-57.5°	986.3	993.8	998.9	1011.5	1021.6	1029.1	988.8	943.4	900.5	865.2	837.4
-60°	890.4	900.5	908.1	920.7	928.2	933.3	908.1	877.8	852.6	829.9	789.5
-62.5°	804.6	812.2	819.8	827.3	834.9	840.0	829.9	814.7	802.1	792.0	741.6
-65°	718.9	726.4	734.0	744.1	751.7	756.7	754.2	744.1	734.0	723.9	678.5
-67.5°	640.7	648.3	658.3	660.9	665.9	668.4	663.4	655.8	643.2	630.6	595.3
-70°	557.4	562.5	567.5	567.5	567.5	565.0	560.0	549.9	537.3	519.6	491.9
-72.5°	481.8	486.8	491.9	484.3	479.3	471.7	464.1	451.5	438.9	426.3	411.1
-75°	411.1	413.7	413.7	403.6	396.0	388.4	378.4	370.8	358.2	348.1	335.5
-77.5°	327.9	327.9	327.9	320.3	315.3	310.3	302.7	295.1	285.0	277.5	267.4
-80°	254.8	254.8	254.8	252.2	244.7	239.6	234.6	229.5	222.0	216.9	211.9
-82.5°	194.2	194.2	194.2	191.7	186.7	184.1	179.1	174.0	171.5	166.5	164.0
-85°	141.3	143.8	143.8	141.3	138.7	133.7	131.2	128.6	126.1	123.6	118.6
-87.5°	95.9	95.9	95.9	93.3	90.8	90.8	88.3	83.2	78.2	75.7	73.1
-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: P722429

CATALOG NUMBER: IFLD-S-SA3B-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°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
85°	7.6	7.6	7.6	10.1	10.1	10.1	10.1	10.1	10.1	10.1	7.6
82.5°	12.6	12.6	15.1	15.1	17.7	17.7	17.7	17.7	17.7	17.7	17.7
80°	12.6	15.1	17.7	20.2	22.7	25.2	25.2	25.2	25.2	22.7	22.7
77.5°	15.1	15.1	17.7	20.2	22.7	25.2	27.7	30.3	27.7	27.7	27.7
75°	15.1	17.7	17.7	20.2	22.7	25.2	27.7	30.3	30.3	30.3	30.3
72.5°	12.6	15.1	17.7	20.2	20.2	22.7	25.2	25.2	27.7	27.7	30.3
70°	12.6	15.1	17.7	17.7	20.2	20.2	22.7	25.2	25.2	27.7	27.7
67.5°	15.1	17.7	17.7	20.2	22.7	22.7	22.7	25.2	25.2	27.7	27.7
65°	17.7	20.2	20.2	22.7	25.2	25.2	27.7	27.7	27.7	30.3	30.3
62.5°	30.3	30.3	30.3	27.7	30.3	30.3	30.3	32.8	32.8	30.3	32.8
60°	156.4	113.5	78.2	98.4	88.3	40.4	40.4	40.4	37.8	37.8	35.3
57.5°	368.3	343.0	295.1	249.7	224.5	199.3	123.6	50.4	50.4	45.4	40.4
55°	615.5	532.2	496.9	436.4	370.8	340.5	282.5	191.7	90.8	60.5	53.0
52.5°	953.5	875.3	784.5	660.9	572.6	502.0	454.0	360.7	242.1	128.6	80.7
50°	1276.3	1241.0	1185.5	1064.4	880.3	761.8	683.6	577.6	433.9	264.9	151.3
47.5°	2055.7	1760.6	1581.5	1488.2	1334.3	1109.9	958.5	840.0	665.9	446.5	267.4
45°	2588.0	2401.3	2116.3	1919.5	1692.5	1455.4	1258.7	1122.5	915.6	668.4	418.7
42.5°	3044.5	2883.1	2625.8	2338.3	2098.6	1788.4	1536.1	1357.0	1183.0	913.1	625.6
40°	3632.2	3440.5	3193.3	2913.4	2633.4	2237.4	1828.7	1611.8	1420.1	1180.5	845.0
37.5°	4600.8	4262.8	3859.3	3549.0	3183.3	2847.8	2287.8	1904.4	1677.4	1427.7	1102.3
35°	5766.2	5395.4	4721.9	4310.8	3821.4	3322.0	2817.5	2250.0	1927.1	1662.3	1339.4
32.5°	6850.8	6308.5	5445.8	4964.1	4638.7	3718.0	3195.9	2704.0	2184.4	1859.0	1475.6
30°	7151.0	6553.2	5935.2	5372.7	4817.8	4073.7	3455.7	3072.3	2507.3	1977.6	1604.2
27.5°	6848.3	6437.1	5957.9	5435.8	4835.4	4197.3	3614.6	3248.8	2744.4	2058.3	1705.1
25°	6540.6	6111.8	5776.3	5339.9	4785.0	4189.7	3619.6	3359.8	2928.5	2214.7	1760.6
22.5°	6215.2	5947.8	5670.3	5183.5	4658.9	4212.4	3783.6	3455.7	3024.3	2391.2	1783.3
20°	6232.8	6058.8	5753.6	5102.8	4636.2	4346.1	3980.3	3576.8	3127.8	2545.1	1801.0
17.5°	6515.3	6288.3	5904.9	5339.9	4840.5	4482.3	4144.3	3743.2	3233.7	2681.3	2015.4
15°	6863.4	6517.9	6116.8	5619.9	5054.9	4631.1	4270.4	3859.3	3354.8	2807.4	2207.1
12.5°	7115.7	6623.8	6248.0	5799.0	5286.9	4792.5	4353.6	3947.5	3468.3	2910.8	2350.9
10°	7201.4	6755.0	6311.0	5910.0	5405.5	4878.3	4416.7	4003.0	3566.7	2991.6	2456.8
7.5°	7246.8	6868.5	6353.9	5960.4	5476.1	4931.3	4467.2	4033.3	3644.9	3047.0	2524.9
5°	7241.8	6929.0	6386.7	5975.5	5513.9	4954.0	4502.5	4040.9	3700.3	3095.0	2565.3
2.5°	7219.1	6969.4	6439.7	6000.8	5589.6	4996.9	4570.6	4056.0	3720.5	3147.9	2593.0
0°	7302.3	6971.9	6495.2	6008.3	5640.1	5012.0	4600.8	4043.4	3692.8	3163.1	2590.5
-2.5°	7123.2	6823.1	6482.5	5942.8	5572.0	4976.7	4545.3	4003.0	3632.2	3145.4	2580.4
-5°	7093.0	6714.6	6376.6	5882.2	5458.5	4903.5	4441.9	3927.4	3536.4	3087.4	2540.0
-7.5°	7012.2	6611.2	6273.2	5834.3	5352.5	4827.9	4343.6	3849.2	3433.0	2996.6	2482.0
-10°	6835.7	6452.3	6162.2	5730.9	5223.9	4719.4	4225.0	3745.8	3311.9	2873.0	2391.2
-12.5°	6583.4	6200.0	5912.5	5511.4	5062.4	4573.1	4083.8	3612.1	3173.2	2741.8	2282.8
-15°	6298.4	5910.0	5622.4	5256.7	4822.8	4346.1	3904.7	3443.1	3014.3	2603.1	2154.1
-17.5°	5975.5	5607.3	5329.8	4974.2	4542.8	4088.8	3649.9	3231.2	2830.1	2459.3	2005.3
-20°	5602.2	5244.1	4989.3	4633.6	4237.6	3796.2	3369.9	2973.9	2613.2	2265.1	1841.3

REPORT NUMBER: P722429

CATALOG NUMBER: IFLD-S-SA3B-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°	5140.6	4825.3	4535.3	4217.4	3871.9	3468.3	3072.3	2721.7	2376.1	2035.6	1672.3
-25°	4668.9	4363.7	4081.2	3791.2	3460.7	3112.6	2774.6	2456.8	2118.8	1811.1	1508.4
-27.5°	4144.3	3871.9	3619.6	3352.3	3049.6	2749.4	2471.9	2161.7	1869.1	1606.8	1347.0
-30°	3584.3	3362.3	3142.9	2905.8	2661.1	2408.9	2161.7	1869.1	1639.6	1430.2	1210.7
-32.5°	3047.0	2847.8	2671.2	2494.6	2282.8	2075.9	1856.5	1639.6	1447.9	1263.7	1079.6
-35°	2575.4	2363.5	2265.1	2123.9	1954.9	1768.2	1589.1	1437.8	1283.9	1117.4	953.5
-37.5°	2166.7	2030.5	1914.5	1808.6	1674.9	1513.4	1384.8	1261.2	1132.6	981.2	840.0
-40°	1846.4	1748.0	1632.0	1553.8	1445.3	1329.3	1200.7	1097.2	988.8	865.2	749.2
-42.5°	1589.1	1508.4	1432.7	1349.5	1268.8	1170.4	1059.4	961.0	862.7	771.9	676.0
-45°	1377.2	1319.2	1258.7	1190.6	1119.9	1034.2	943.4	842.5	771.9	691.1	610.4
-47.5°	1203.2	1160.3	1109.9	1056.9	996.3	920.7	837.4	764.3	691.1	623.0	544.8
-50°	1064.4	1024.1	983.7	938.3	885.4	819.8	756.7	688.6	620.5	554.9	481.8
-52.5°	948.4	913.1	880.3	842.5	792.0	736.5	678.5	618.0	554.9	489.3	431.3
-55°	867.7	827.3	794.6	756.7	711.3	658.3	605.4	549.9	489.3	438.9	391.0
-57.5°	802.1	756.7	718.9	678.5	633.1	587.7	539.8	489.3	443.9	396.0	350.6
-60°	746.6	693.7	650.8	610.4	567.5	524.7	484.3	441.4	398.5	355.7	310.3
-62.5°	688.6	633.1	580.1	542.3	509.5	471.7	436.4	396.0	358.2	315.3	282.5
-65°	623.0	570.1	519.6	486.8	456.6	423.8	391.0	355.7	322.9	290.1	259.8
-67.5°	549.9	504.5	469.2	438.9	408.6	380.9	350.6	320.3	292.6	259.8	229.5
-70°	461.6	436.4	416.2	393.5	365.7	340.5	312.8	285.0	254.8	227.0	199.3
-72.5°	393.5	378.4	363.2	340.5	315.3	292.6	269.9	244.7	219.4	194.2	171.5
-75°	322.9	310.3	297.6	282.5	262.3	244.7	224.5	201.8	181.6	164.0	146.3
-77.5°	259.8	249.7	242.1	229.5	214.4	199.3	186.7	171.5	156.4	138.7	121.1
-80°	206.8	201.8	199.3	194.2	181.6	169.0	158.9	146.3	131.2	118.6	105.9
-82.5°	161.4	161.4	158.9	156.4	146.3	136.2	128.6	118.6	108.5	98.4	85.8
-85°	118.6	116.0	116.0	113.5	105.9	100.9	93.3	88.3	80.7	70.6	65.6
-87.5°	70.6	68.1	65.6	63.1	58.0	55.5	50.4	47.9	42.9	37.8	35.3
-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: P722429

CATALOG NUMBER: IFLD-S-SA3B-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°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	0.0	0.0
85°	7.6	5.0	5.0	5.0	5.0	5.0	2.5	2.5	2.5	2.5	2.5
82.5°	15.1	15.1	12.6	12.6	10.1	7.6	5.0	5.0	5.0	2.5	2.5
80°	22.7	22.7	22.7	20.2	17.7	12.6	10.1	7.6	5.0	2.5	2.5
77.5°	27.7	25.2	25.2	22.7	22.7	20.2	15.1	12.6	7.6	5.0	2.5
75°	27.7	27.7	27.7	25.2	25.2	22.7	20.2	15.1	12.6	7.6	5.0
72.5°	30.3	27.7	27.7	27.7	25.2	22.7	20.2	17.7	15.1	10.1	5.0
70°	27.7	27.7	27.7	27.7	25.2	25.2	20.2	17.7	17.7	10.1	7.6
67.5°	27.7	27.7	27.7	25.2	25.2	22.7	20.2	17.7	17.7	12.6	7.6
65°	30.3	27.7	27.7	27.7	25.2	22.7	20.2	17.7	17.7	15.1	10.1
62.5°	32.8	30.3	30.3	27.7	25.2	22.7	20.2	17.7	17.7	15.1	10.1
60°	35.3	32.8	30.3	30.3	27.7	25.2	20.2	20.2	17.7	15.1	10.1
57.5°	37.8	35.3	35.3	32.8	30.3	27.7	22.7	20.2	17.7	15.1	12.6
55°	45.4	40.4	37.8	37.8	35.3	30.3	25.2	20.2	17.7	15.1	12.6
52.5°	60.5	47.9	42.9	42.9	40.4	35.3	27.7	22.7	17.7	15.1	12.6
50°	95.9	60.5	50.4	45.4	45.4	40.4	32.8	25.2	17.7	15.1	12.6
47.5°	151.3	100.9	60.5	53.0	50.4	47.9	37.8	25.2	20.2	15.1	12.6
45°	249.7	148.8	98.4	63.1	53.0	50.4	42.9	27.7	20.2	17.7	12.6
42.5°	343.0	232.1	151.3	75.7	63.1	55.5	45.4	30.3	22.7	17.7	12.6
40°	539.8	317.8	211.9	123.6	73.1	58.0	50.4	35.3	22.7	17.7	12.6
37.5°	731.5	421.2	285.0	181.6	83.2	65.6	53.0	37.8	25.2	17.7	15.1
35°	923.2	590.2	353.1	242.1	111.0	78.2	55.5	40.4	25.2	17.7	15.1
32.5°	1094.7	749.2	423.8	302.7	166.5	93.3	60.5	42.9	27.7	20.2	15.1
30°	1236.0	895.4	549.9	355.7	216.9	113.5	65.6	42.9	30.3	20.2	15.1
27.5°	1341.9	1009.0	678.5	411.1	259.8	133.7	75.7	47.9	30.3	20.2	15.1
25°	1427.7	1097.2	792.0	469.2	297.6	166.5	90.8	50.4	32.8	22.7	15.1
22.5°	1495.8	1170.4	885.4	547.4	343.0	199.3	111.0	55.5	32.8	22.7	15.1
20°	1589.1	1243.5	948.4	630.6	391.0	229.5	128.6	60.5	32.8	22.7	17.7
17.5°	1669.8	1316.7	998.9	701.2	438.9	252.2	148.8	65.6	35.3	22.7	17.7
15°	1763.2	1387.3	1044.3	756.7	484.3	272.4	166.5	70.6	35.3	25.2	17.7
12.5°	1864.0	1452.9	1077.1	802.1	532.2	290.1	181.6	80.7	37.8	25.2	17.7
10°	1967.5	1508.4	1104.8	834.9	567.5	307.7	191.7	90.8	40.4	25.2	17.7
7.5°	2070.9	1558.8	1140.1	850.0	582.7	327.9	196.7	100.9	40.4	27.7	17.7
5°	2141.5	1591.6	1190.6	860.1	590.2	350.6	204.3	113.5	42.9	27.7	17.7
2.5°	2202.0	1611.8	1243.5	867.7	592.8	363.2	201.8	121.1	45.4	27.7	17.7
0°	2229.8	1611.8	1278.9	862.7	585.2	375.8	201.8	128.6	45.4	27.7	17.7
-2.5°	2186.9	1657.2	1268.8	865.2	587.7	375.8	211.9	131.2	50.4	30.3	17.7
-5°	2118.8	1674.9	1238.5	852.6	582.7	375.8	224.5	133.7	53.0	30.3	20.2
-7.5°	2053.2	1682.4	1203.2	840.0	575.1	365.7	227.0	131.2	58.0	32.8	20.2
-10°	1967.5	1599.2	1157.8	817.3	560.0	358.2	232.1	131.2	60.5	32.8	20.2
-12.5°	1869.1	1498.3	1102.3	784.5	542.3	350.6	234.6	131.2	63.1	35.3	20.2
-15°	1755.6	1394.9	1039.2	749.2	517.1	340.5	229.5	128.6	65.6	35.3	22.7
-17.5°	1626.9	1294.0	973.6	706.3	489.3	327.9	219.4	126.1	65.6	35.3	22.7
-20°	1480.6	1193.1	900.5	663.4	456.6	312.8	209.4	121.1	65.6	35.3	22.7

REPORT NUMBER: P722429

CATALOG NUMBER: IFLD-S-SA3B-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°	1349.5	1099.8	824.8	615.5	421.2	295.1	196.7	116.0	65.6	37.8	22.7
-25°	1241.0	1009.0	766.8	567.5	383.4	274.9	184.1	111.0	65.6	37.8	22.7
-27.5°	1127.5	910.6	706.3	522.1	358.2	257.3	171.5	105.9	63.1	37.8	22.7
-30°	1011.5	814.7	643.2	471.7	333.0	239.6	161.4	98.4	63.1	37.8	22.7
-32.5°	905.5	736.5	585.2	421.2	305.2	222.0	151.3	95.9	60.5	37.8	22.7
-35°	802.1	665.9	524.7	380.9	274.9	204.3	141.3	93.3	60.5	37.8	22.7
-37.5°	716.4	600.3	469.2	353.1	257.3	189.2	131.2	88.3	58.0	37.8	22.7
-40°	645.7	539.8	416.2	322.9	242.1	174.0	121.1	85.8	58.0	37.8	22.7
-42.5°	580.1	481.8	383.4	297.6	227.0	164.0	113.5	83.2	55.5	37.8	22.7
-45°	522.1	431.3	350.6	274.9	209.4	151.3	108.5	78.2	53.0	37.8	25.2
-47.5°	464.1	396.0	320.3	254.8	191.7	136.2	103.4	75.7	50.4	35.3	25.2
-50°	418.7	358.2	295.1	232.1	174.0	131.2	98.4	70.6	50.4	35.3	25.2
-52.5°	378.4	322.9	267.4	209.4	158.9	123.6	93.3	65.6	47.9	35.3	25.2
-55°	340.5	290.1	239.6	186.7	148.8	116.0	85.8	60.5	47.9	35.3	25.2
-57.5°	302.7	259.8	211.9	169.0	136.2	108.5	80.7	60.5	47.9	35.3	25.2
-60°	272.4	232.1	191.7	156.4	126.1	98.4	73.1	58.0	45.4	35.3	25.2
-62.5°	247.2	209.4	174.0	141.3	116.0	88.3	70.6	58.0	45.4	35.3	22.7
-65°	222.0	189.2	156.4	128.6	103.4	83.2	68.1	55.5	45.4	35.3	22.7
-67.5°	196.7	166.5	141.3	113.5	95.9	80.7	65.6	55.5	42.9	32.8	22.7
-70°	171.5	146.3	123.6	105.9	90.8	75.7	63.1	53.0	42.9	30.3	20.2
-72.5°	151.3	128.6	111.0	98.4	85.8	73.1	60.5	50.4	40.4	27.7	17.7
-75°	128.6	113.5	100.9	88.3	78.2	68.1	58.0	45.4	35.3	25.2	17.7
-77.5°	108.5	98.4	88.3	80.7	70.6	60.5	50.4	40.4	32.8	22.7	15.1
-80°	93.3	85.8	78.2	70.6	63.1	53.0	45.4	35.3	27.7	20.2	12.6
-82.5°	75.7	70.6	63.1	58.0	53.0	45.4	37.8	30.3	20.2	15.1	10.1
-85°	58.0	53.0	50.4	45.4	40.4	32.8	25.2	20.2	15.1	10.1	5.0
-87.5°	30.3	27.7	25.2	22.7	20.2	15.1	12.6	10.1	7.6	5.0	2.5
-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: P722429

CATALOG NUMBER: IFLD-S-SA3B-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°	2.5	0.0	0.0	0.0
77.5°	2.5	0.0	0.0	0.0
75°	2.5	2.5	0.0	0.0
72.5°	2.5	2.5	0.0	0.0
70°	2.5	2.5	0.0	0.0
67.5°	5.0	2.5	0.0	0.0
65°	5.0	2.5	0.0	0.0
62.5°	5.0	2.5	0.0	0.0
60°	5.0	2.5	0.0	0.0
57.5°	7.6	2.5	2.5	0.0
55°	7.6	2.5	2.5	0.0
52.5°	7.6	2.5	2.5	0.0
50°	7.6	5.0	2.5	0.0
47.5°	7.6	5.0	2.5	0.0
45°	7.6	5.0	2.5	0.0
42.5°	7.6	5.0	2.5	0.0
40°	10.1	5.0	2.5	0.0
37.5°	10.1	5.0	2.5	0.0
35°	10.1	5.0	2.5	0.0
32.5°	10.1	5.0	2.5	0.0
30°	10.1	5.0	2.5	0.0
27.5°	10.1	7.6	2.5	0.0
25°	10.1	7.6	2.5	0.0
22.5°	12.6	7.6	2.5	0.0
20°	12.6	7.6	2.5	0.0
17.5°	12.6	7.6	2.5	0.0
15°	12.6	7.6	2.5	0.0
12.5°	12.6	7.6	2.5	0.0
10°	12.6	7.6	2.5	0.0
7.5°	12.6	7.6	2.5	0.0
5°	12.6	7.6	2.5	0.0
2.5°	12.6	7.6	2.5	0.0
0°	12.6	7.6	2.5	0.0
-2.5°	12.6	7.6	2.5	0.0
-5°	12.6	7.6	2.5	0.0
-7.5°	12.6	7.6	2.5	0.0
-10°	12.6	7.6	2.5	0.0
-12.5°	15.1	7.6	2.5	0.0
-15°	15.1	7.6	2.5	0.0
-17.5°	15.1	7.6	2.5	0.0
-20°	15.1	7.6	2.5	0.0



REPORT NUMBER: P722429

CATALOG NUMBER: IFLD-S-SA3B-730-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	15.1	7.6	2.5	0.0
-25°	15.1	7.6	2.5	0.0
-27.5°	15.1	7.6	2.5	0.0
-30°	15.1	7.6	2.5	0.0
-32.5°	15.1	7.6	2.5	0.0
-35°	15.1	7.6	2.5	0.0
-37.5°	15.1	7.6	2.5	0.0
-40°	15.1	7.6	2.5	0.0
-42.5°	12.6	7.6	2.5	0.0
-45°	15.1	7.6	2.5	0.0
-47.5°	15.1	7.6	2.5	0.0
-50°	15.1	7.6	2.5	0.0
-52.5°	15.1	7.6	2.5	0.0
-55°	15.1	7.6	2.5	0.0
-57.5°	15.1	7.6	2.5	0.0
-60°	15.1	7.6	2.5	0.0
-62.5°	12.6	7.6	2.5	0.0
-65°	12.6	5.0	2.5	0.0
-67.5°	12.6	5.0	2.5	0.0
-70°	12.6	5.0	2.5	0.0
-72.5°	10.1	5.0	2.5	0.0
-75°	10.1	5.0	2.5	0.0
-77.5°	7.6	2.5	0.0	0.0
-80°	7.6	2.5	0.0	0.0
-82.5°	5.0	2.5	0.0	0.0
-85°	2.5	2.5	0.0	0.0
-87.5°	2.5	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)