

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: P722143

Luminaire Tested: **IFLD-S-SA6A-760-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722143
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA6A-760-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (96) 5700K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

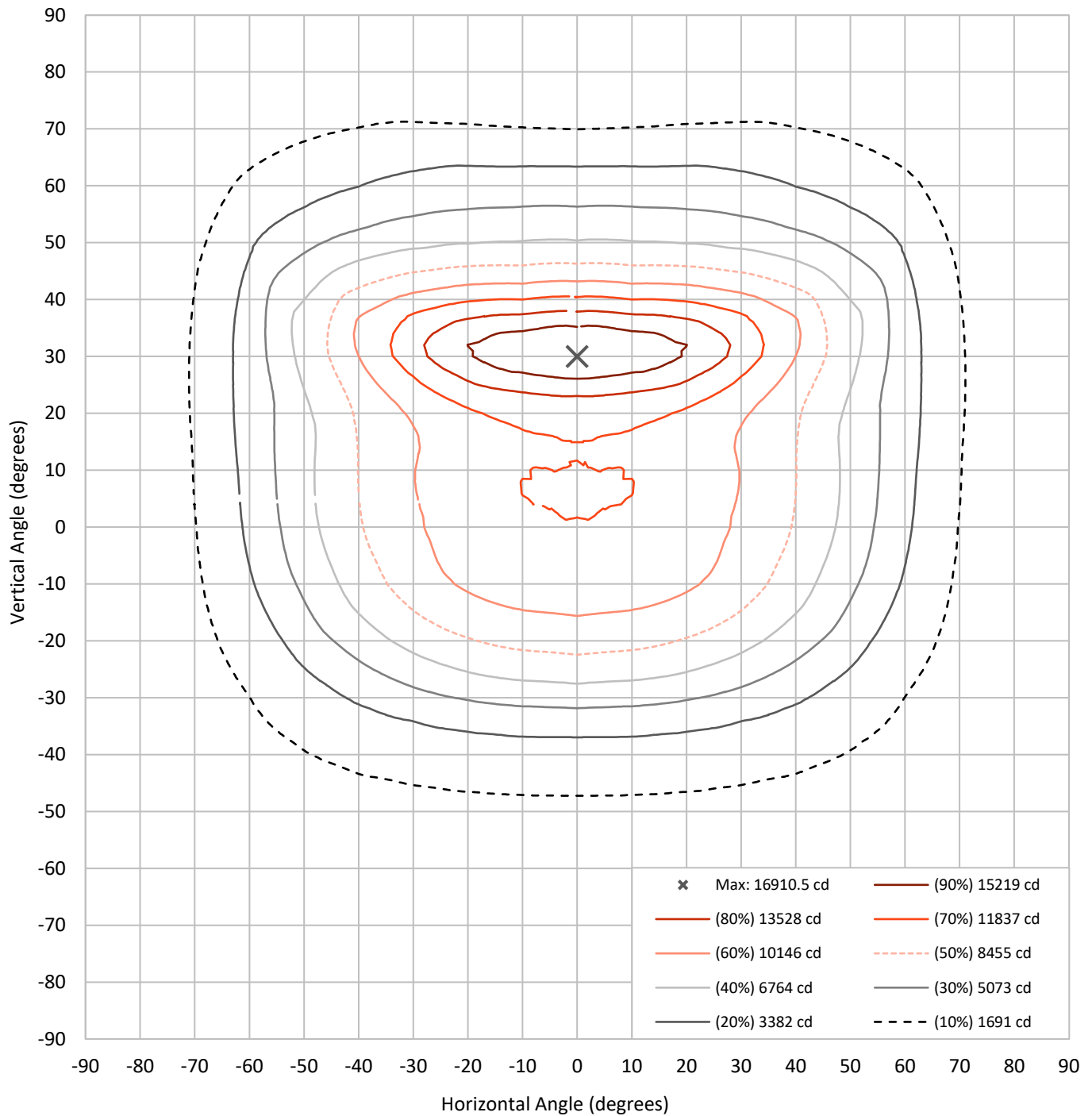
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	28227.8 lumens	Max Intensity:	16910.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	148.9 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	16414.8 lumens	Field Lumens:	26453.1 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 189.6
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: P722143
CATALOG NUMBER: IFLD-S-SA6A-760-U-76

Iso-Candela Plot



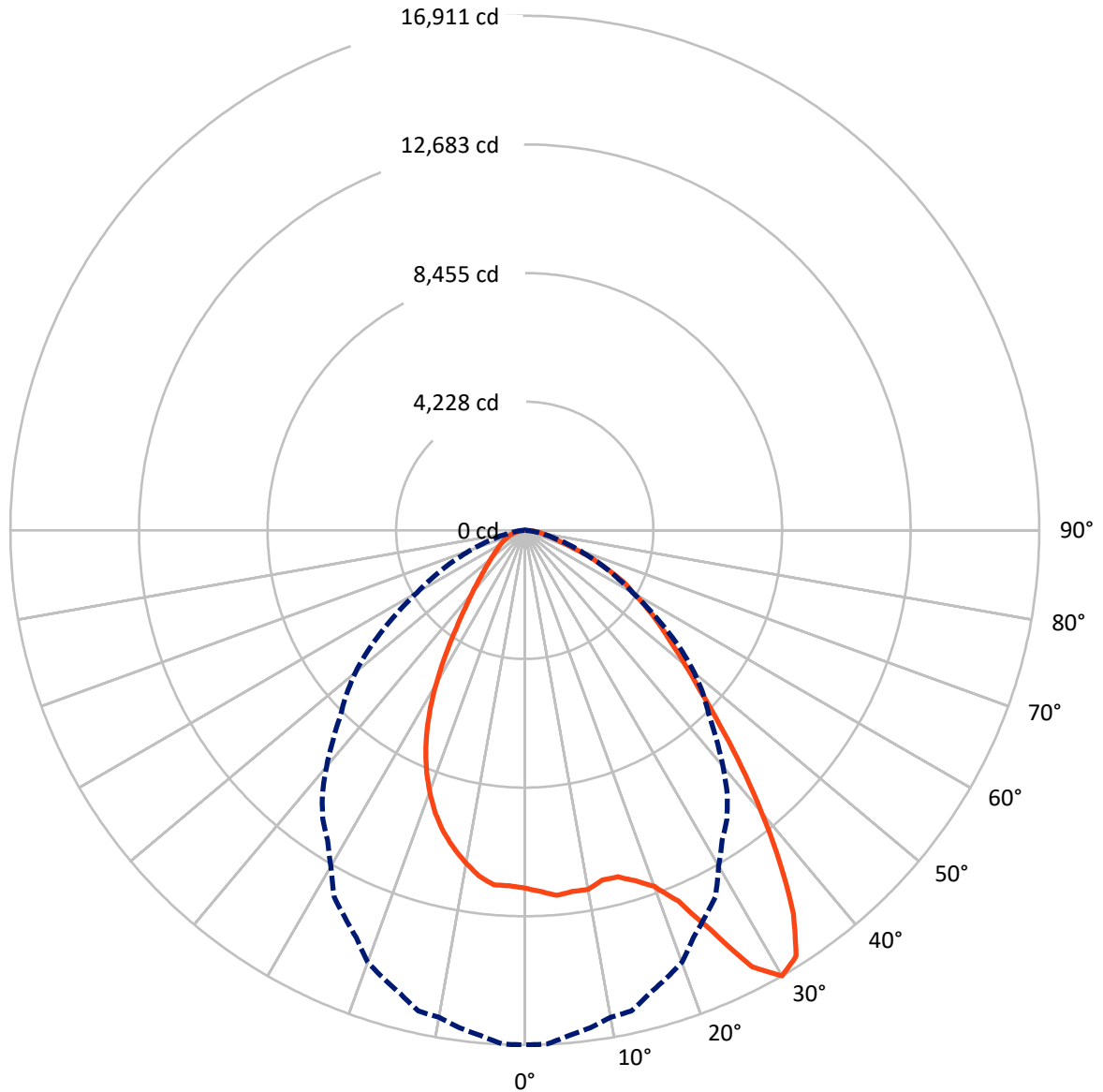
REPORT NUMBER: P722143
 CATALOG NUMBER: IFLD-S-SA6A-760-U-76

Lumen Table

Vertical Angle (degrees)	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90
90																		
80	2.7		25.0		62.5		78.5		78.8		78.5		62.5		25.0		2.7	
70																		
60	10.8	14.7	31.3	50.0	68.5	82.3	87.8	90.3	90.3	87.8	82.3	68.5	50.0	31.3	14.7		10.8	
50																		
40	18.0	24.2	55.3	88.1	119.3	144.1	158.8	166.0	166.0	158.8	144.1	119.3	88.1	55.3	24.2		18.0	
30																		
20	20.0	32.9	84.8	143.2	198.4	240.3	266.3	279.9	279.9	266.3	240.3	198.4	143.2	84.8	32.9		20.0	
10																		
0	18.7	37.9	101.3	185.5	280.4	364.4	423.3	454.3	454.3	423.3	364.4	280.4	185.5	101.3	37.9		18.7	
-10																		
-20	15.3	38.6	95.2	174.2	260.8	343.1	406.6	438.7	438.7	406.6	343.1	260.8	174.2	95.2	38.6		15.3	
-30																		
-40	10.6	37.4	90.8	160.7	233.1	295.0	339.2	360.3	360.3	339.2	295.0	233.1	160.7	90.8	37.4		10.6	
-50																		
-60	6.3	35.4	88.9	159.7	231.4	293.2	337.9	359.2	359.2	337.9	293.2	231.4	159.7	88.9	35.4		6.3	
-70																		
-80	2.1	32.1	81.9	149.2	220.0	282.1	327.4	348.9	348.9	327.4	282.1	220.0	149.2	81.9	32.1		2.1	
-90																		

REPORT NUMBER: P722143
CATALOG NUMBER: IFLD-S-SA6A-760-U-76

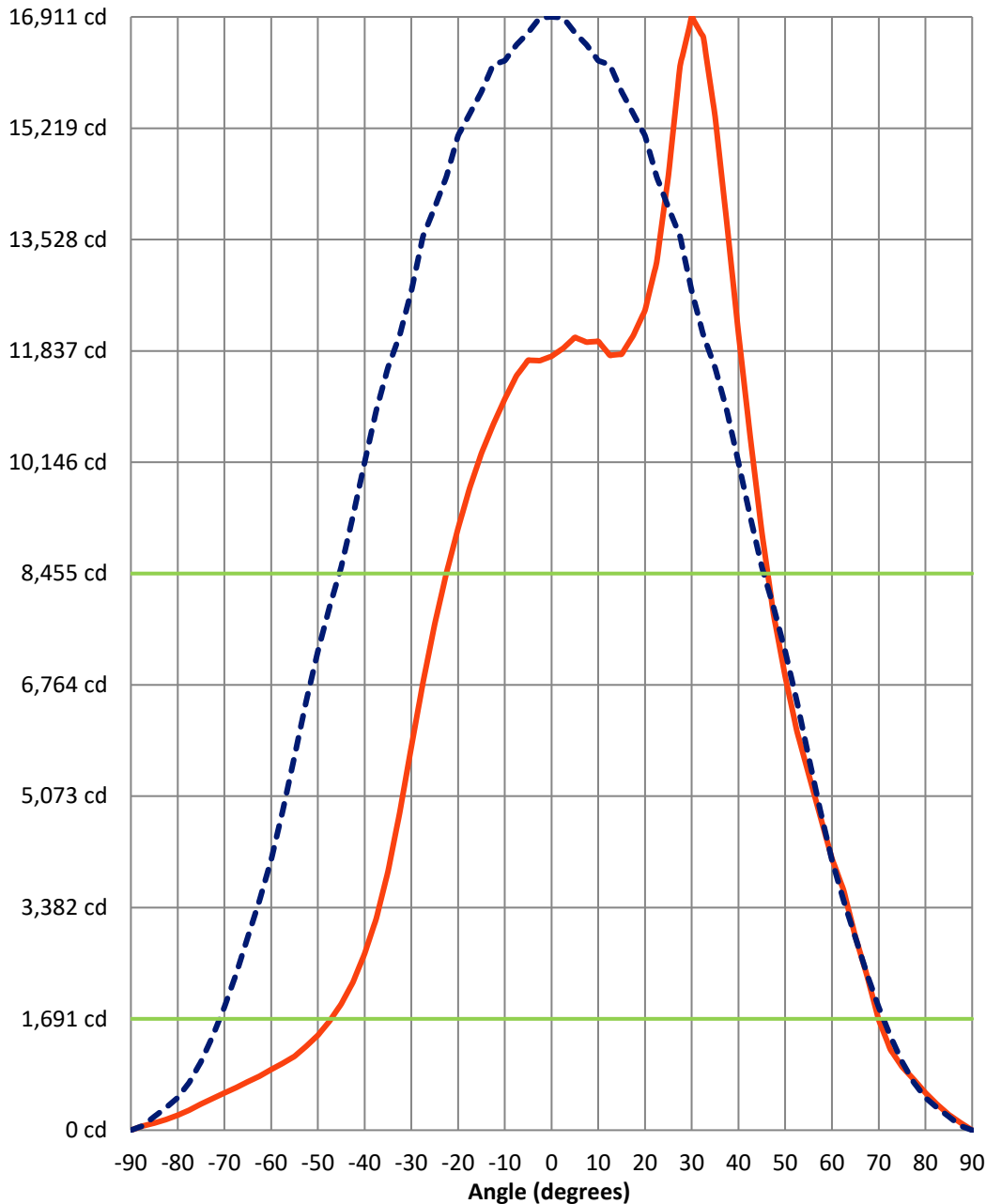
Luminous Intensity Polar Plot



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

REPORT NUMBER: P722143
 CATALOG NUMBER: IFLD-S-SA6A-760-U-76

Luminous Intensity Plot



Beam:
 H Angle: 90.8°
 V Angle: 68.8°
 Lumens: 16414.8
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 26453.1
 Efficiency: 93.7%

Spill:
 Lumens: 1774.7
 Efficiency: 6.3%

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



REPORT NUMBER: P722143
 CATALOG NUMBER: IFLD-S-SA6A-760-U-76

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°	113.6	116.6	119.6	119.6	116.6	116.6	116.6	113.6	116.6	116.6	116.6
85°	236.2	242.2	248.2	245.2	242.2	236.2	230.3	233.2	236.2	239.2	239.2
82.5°	391.7	400.7	406.7	403.7	397.7	391.7	385.8	388.7	394.7	397.7	397.7
80°	568.2	571.2	574.1	580.1	571.2	571.2	568.2	580.1	586.1	592.1	598.1
77.5°	771.5	774.5	774.5	777.5	780.5	783.5	783.5	804.4	819.4	828.3	837.3
75°	962.9	971.9	980.8	989.8	1001.8	1007.7	1016.7	1046.6	1070.5	1088.5	1106.4
72.5°	1226.0	1238.0	1253.0	1273.9	1294.8	1309.8	1330.7	1366.6	1393.5	1411.4	1432.4
70°	1677.6	1689.6	1704.5	1719.5	1740.4	1755.3	1776.3	1821.1	1848.0	1860.0	1872.0
67.5°	2347.4	2377.3	2404.2	2374.3	2359.4	2338.5	2344.4	2386.3	2413.2	2431.2	2428.2
65°	2942.5	2963.4	2963.4	2960.5	2948.5	2921.6	2936.5	2987.4	3017.3	3032.2	2987.4
62.5°	3642.3	3642.3	3627.3	3651.2	3654.2	3636.3	3627.3	3630.3	3633.3	3642.3	3567.5
60°	4126.7	4156.6	4165.6	4186.5	4192.5	4192.5	4207.4	4219.4	4219.4	4201.5	4114.7
57.5°	4766.6	4823.4	4835.4	4820.5	4790.6	4751.7	4745.7	4727.8	4691.9	4656.0	4614.1
55°	5412.5	5442.4	5439.5	5430.5	5400.6	5355.7	5361.7	5337.8	5281.0	5236.1	5179.3
52.5°	6061.5	6133.2	6145.2	6127.2	6085.4	6037.5	6040.5	6013.6	5956.8	5908.9	5831.2
50°	6889.8	6949.6	6943.6	6913.7	6853.9	6818.0	6821.0	6770.2	6704.4	6689.4	6587.8
47.5°	7837.7	7906.5	7894.5	7852.7	7771.9	7757.0	7771.9	7706.1	7667.3	7634.4	7514.8
45°	9081.7	9162.5	9117.6	9036.9	8908.3	8923.2	8944.2	8932.2	8848.5	8761.7	8609.2
42.5°	10541.0	10591.8	10538.0	10457.3	10295.8	10325.7	10313.7	10242.0	10191.1	10047.6	9853.2
40°	12102.0	12212.6	12128.9	12003.3	11835.8	11880.7	11847.8	11755.1	11635.5	11456.1	11210.8
37.5°	13785.5	13872.3	13776.6	13630.0	13480.5	13465.6	13399.8	13256.2	13085.8	12888.4	12496.7
35°	15397.3	15621.6	15445.2	15211.9	15029.5	14960.8	14898.0	14566.0	14371.7	14051.7	13516.4
32.5°	16596.5	16760.9	16542.6	16300.4	16079.1	15983.5	15762.2	15367.4	15262.8	14589.9	14099.5
30°	16910.5	16898.5	16671.2	16485.8	16246.6	16180.8	15774.1	15439.2	15104.3	14482.3	14015.8
27.5°	16162.9	16088.1	15869.8	15708.3	15472.1	15394.4	14993.6	14814.2	14296.9	13770.6	13375.9
25°	14497.2	14536.1	14371.7	14290.9	14135.4	13968.0	13809.5	13567.2	13244.3	12783.8	12421.9
22.5°	13184.5	13235.3	13166.5	13070.8	12951.2	12858.5	12738.9	12550.5	12239.5	11955.4	11614.5
20°	12454.8	12439.9	12380.1	12308.3	12194.7	12128.9	11997.3	11838.8	11599.6	11354.4	10986.6
17.5°	12072.1	11979.4	11922.5	11895.6	11835.8	11752.1	11596.6	11435.1	11249.7	10971.6	10702.5
15°	11788.0	11802.9	11758.1	11737.1	11689.3	11572.7	11414.2	11282.6	11031.4	10890.9	10645.7
12.5°	11770.0	11755.1	11758.1	11749.1	11689.3	11539.8	11459.0	11291.6	11130.1	10944.7	10663.6
10°	11982.4	11823.9	11835.8	11877.7	11782.0	11662.4	11575.7	11393.3	11240.7	11004.5	10726.4
7.5°	11970.4	11889.7	11913.6	11844.8	11874.7	11728.2	11608.6	11426.2	11234.8	10983.6	10732.4
5°	12042.2	11919.6	11898.6	11904.6	11829.8	11719.2	11557.7	11384.3	11204.9	10923.8	10666.6
2.5°	11877.7	11895.6	11799.9	11764.1	11755.1	11569.7	11420.2	11252.7	11067.3	10819.1	10588.9
0°	11755.1	11788.0	11689.3	11638.5	11635.5	11477.0	11381.3	11189.9	11058.3	10852.0	10573.9
-2.5°	11689.3	11728.2	11740.1	11647.4	11557.7	11435.1	11273.6	11067.3	10852.0	10612.8	10373.5
-5°	11695.3	11617.5	11584.6	11614.5	11536.8	11414.2	11234.8	11052.4	10840.0	10582.9	10283.8
-7.5°	11459.0	11381.3	11375.3	11360.4	11342.4	11225.8	11076.3	10878.9	10663.6	10424.4	10146.3
-10°	11106.2	11049.4	11034.4	11019.5	10971.6	10902.8	10762.3	10582.9	10388.5	10149.3	9853.2
-12.5°	10714.4	10687.5	10630.7	10591.8	10544.0	10463.3	10328.7	10164.2	9969.8	9757.5	9503.4
-15°	10280.8	10230.0	10173.2	10140.3	10071.5	9975.8	9841.3	9688.8	9476.4	9267.1	9027.9
-17.5°	9757.5	9694.7	9631.9	9623.0	9575.1	9428.6	9303.0	9117.6	8932.2	8731.8	8498.6
-20°	9141.5	9054.8	9012.9	8989.0	8923.2	8815.6	8681.0	8510.6	8331.1	8139.7	7870.6



REPORT NUMBER: P722143
 CATALOG NUMBER: IFLD-S-SA6A-760-U-76

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	8459.7	8385.0	8313.2	8268.3	8211.5	8127.8	7999.2	7849.7	7673.3	7457.9	7209.7
-25°	7685.2	7580.6	7535.7	7484.9	7455.0	7377.2	7251.6	7114.1	6931.6	6722.3	6486.1
-27.5°	6800.1	6716.3	6692.4	6620.6	6584.8	6504.0	6399.4	6270.8	6103.3	5906.0	5711.6
-30°	5822.2	5771.4	5732.5	5660.7	5633.8	5547.1	5478.3	5370.7	5218.2	5077.6	4922.1
-32.5°	4817.5	4766.6	4754.7	4721.8	4703.8	4647.0	4569.3	4491.5	4368.9	4264.2	4138.7
-35°	3926.3	3890.5	3893.4	3890.5	3872.5	3830.6	3735.0	3714.0	3624.3	3528.6	3447.9
-37.5°	3214.6	3217.6	3214.6	3211.6	3187.7	3169.8	3101.0	3074.1	3020.3	2927.6	2879.7
-40°	2679.4	2685.3	2682.3	2676.4	2649.5	2640.5	2595.6	2559.7	2538.8	2473.0	2422.2
-42.5°	2245.8	2254.7	2251.7	2248.7	2230.8	2227.8	2203.9	2162.0	2150.1	2111.2	2057.4
-45°	1916.8	1913.8	1907.8	1913.8	1904.9	1895.9	1880.9	1854.0	1839.1	1821.1	1776.3
-47.5°	1656.7	1659.6	1653.7	1653.7	1641.7	1632.7	1626.8	1608.8	1596.9	1581.9	1555.0
-50°	1441.4	1453.3	1450.3	1447.3	1438.4	1432.4	1432.4	1414.4	1396.5	1390.5	1372.6
-52.5°	1273.9	1282.9	1285.9	1291.8	1294.8	1297.8	1288.8	1270.9	1241.0	1238.0	1229.0
-55°	1121.4	1148.3	1166.2	1178.2	1190.2	1199.1	1181.2	1157.3	1127.4	1115.4	1112.4
-57.5°	1016.7	1043.6	1064.6	1082.5	1097.5	1112.4	1094.5	1070.5	1043.6	1028.7	1025.7
-60°	921.0	945.0	965.9	989.8	1010.7	1034.7	1025.7	1007.7	992.8	980.8	968.9
-62.5°	819.4	843.3	867.2	897.1	924.0	947.9	950.9	947.9	945.0	947.9	927.0
-65°	735.6	747.6	762.5	795.4	825.3	852.3	867.2	876.2	891.1	906.1	885.1
-67.5°	645.9	660.9	678.8	702.7	726.7	744.6	765.5	789.5	813.4	837.3	822.3
-70°	565.2	577.1	592.1	604.1	619.0	631.0	648.9	675.8	702.7	726.7	720.7
-72.5°	481.4	493.4	502.4	508.4	517.3	523.3	532.3	556.2	574.1	586.1	586.1
-75°	397.7	409.7	418.6	421.6	427.6	430.6	436.6	445.6	454.5	457.5	460.5
-77.5°	305.0	317.0	325.9	331.9	337.9	343.9	346.9	352.9	355.9	355.9	358.8
-80°	227.3	236.2	242.2	251.2	254.2	260.2	266.1	269.1	272.1	272.1	275.1
-82.5°	161.5	167.5	173.4	179.4	185.4	188.4	194.4	197.4	200.4	203.3	206.3
-85°	107.7	113.6	119.6	125.6	128.6	131.6	134.6	137.6	140.5	143.5	146.5
-87.5°	62.8	65.8	68.8	74.8	77.7	83.7	86.7	83.7	86.7	86.7	86.7
-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: P722143
 CATALOG NUMBER: IFLD-S-SA6A-760-U-76

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°	116.6	116.6	116.6	116.6	113.6	107.7	104.7	98.7	92.7	86.7	80.7
85°	242.2	245.2	245.2	245.2	239.2	236.2	227.3	218.3	206.3	188.4	173.4
82.5°	403.7	406.7	406.7	403.7	397.7	388.7	376.8	361.8	337.9	314.0	293.1
80°	607.0	610.0	610.0	607.0	592.1	577.1	562.2	544.2	514.3	481.4	445.6
77.5°	849.3	855.2	855.2	846.3	825.3	807.4	783.5	753.6	708.7	660.9	613.0
75°	1130.4	1145.3	1148.3	1139.3	1112.4	1079.5	1040.6	989.8	921.0	861.2	804.4
72.5°	1456.3	1471.3	1483.2	1471.3	1432.4	1387.5	1330.7	1270.9	1202.1	1121.4	1025.7
70°	1883.9	1898.9	1907.8	1869.0	1800.2	1725.4	1656.7	1587.9	1507.1	1408.5	1303.8
67.5°	2422.2	2407.2	2389.3	2311.5	2224.8	2135.1	2039.4	1937.8	1833.1	1728.4	1605.8
65°	2939.5	2897.7	2858.8	2766.1	2655.4	2538.8	2428.2	2314.5	2188.9	2057.4	1940.7
62.5°	3483.8	3394.1	3298.4	3184.7	3071.1	2942.5	2831.9	2697.3	2556.8	2395.3	2245.8
60°	4019.0	3911.4	3815.7	3675.1	3525.6	3352.2	3232.6	3101.0	2936.5	2763.1	2586.7
57.5°	4536.4	4419.7	4315.1	4192.5	4031.0	3842.6	3711.0	3540.6	3367.1	3148.8	2969.4
55°	5086.6	4970.0	4886.2	4748.7	4572.3	4398.8	4255.3	4075.9	3833.6	3600.4	3379.1
52.5°	5717.6	5624.9	5535.1	5394.6	5182.3	5005.9	4847.4	4647.0	4392.8	4105.8	3839.6
50°	6423.3	6375.4	6279.7	6115.3	5873.1	5717.6	5508.2	5242.1	4970.0	4667.9	4336.0
47.5°	7359.3	7281.5	7147.0	6967.5	6764.2	6530.9	6249.8	5938.8	5553.1	5218.2	4865.3
45°	8477.7	8334.1	8160.7	7918.5	7667.3	7404.1	7096.1	6701.4	6184.1	5747.5	5376.7
42.5°	9688.8	9494.4	9258.1	8941.2	8615.2	8292.3	7960.3	7422.1	6776.1	6273.8	5855.1
40°	10953.7	10705.5	10409.4	9948.9	9587.1	9171.4	8791.6	7987.2	7299.5	6755.2	6309.7
37.5°	12191.7	11877.7	11381.3	10822.1	10400.5	10059.6	9225.2	8364.0	7748.0	7149.9	6698.4
35°	13139.6	12873.5	11997.3	11417.2	11055.3	10517.1	9473.4	8591.3	7939.4	7443.0	6740.3
32.5°	13701.8	13014.0	12245.5	11659.4	11360.4	10478.2	9491.4	8657.1	8029.1	7472.9	6632.6
30°	13576.2	12744.9	12072.1	11581.6	10932.7	10140.3	9323.9	8555.4	7945.4	7272.5	6513.0
27.5°	12819.7	12176.7	11575.7	11064.3	10427.4	9715.7	8962.1	8286.3	7718.1	7066.2	6348.5
25°	11964.4	11381.3	10935.7	10490.2	9886.1	9207.3	8543.4	8056.0	7484.9	6841.9	6133.2
22.5°	11178.0	10759.3	10409.4	9942.9	9353.8	8761.7	8349.1	7843.7	7257.6	6605.7	5911.9
20°	10675.6	10391.5	9990.8	9476.4	9012.9	8642.1	8184.6	7649.3	7045.3	6363.5	5723.5
17.5°	10433.4	10104.4	9658.8	9323.9	8968.1	8561.4	8050.0	7481.9	6838.9	6252.8	5744.5
15°	10307.8	9960.9	9667.8	9338.9	8938.2	8510.6	7942.4	7353.3	6838.9	6297.7	5759.4
12.5°	10334.7	10035.6	9715.7	9356.8	8926.2	8468.7	7954.3	7407.1	6874.8	6330.6	5762.4
10°	10418.4	10104.4	9763.5	9365.8	8932.2	8480.6	7987.2	7440.0	6892.8	6345.5	5756.4
7.5°	10448.3	10107.4	9742.6	9341.9	8917.2	8474.7	7993.2	7449.0	6895.8	6342.5	5738.5
5°	10355.6	10047.6	9694.7	9291.0	8875.4	8444.8	7969.3	7437.0	6871.8	6312.6	5693.6
2.5°	10230.0	9981.8	9643.9	9255.2	8833.5	8402.9	7930.4	7383.2	6818.0	6258.8	5636.8
0°	10209.1	9901.1	9560.2	9213.3	8764.7	8310.2	7840.7	7281.5	6719.3	6157.1	5538.1
-2.5°	10071.5	9745.6	9404.7	9027.9	8633.2	8175.6	7682.2	7135.0	6578.8	6025.6	5430.5
-5°	9966.9	9605.0	9243.2	8836.5	8438.8	7981.3	7469.9	6937.6	6393.4	5855.1	5281.0
-7.5°	9826.3	9455.5	9075.7	8651.1	8220.5	7754.0	7248.6	6716.3	6181.1	5645.8	5095.6
-10°	9542.2	9216.3	8860.4	8420.8	7966.3	7499.8	6997.4	6474.1	5938.8	5397.6	4844.4
-12.5°	9198.3	8854.4	8465.7	8062.0	7655.3	7221.7	6719.3	6205.0	5666.7	5122.5	4572.3
-15°	8752.8	8414.9	8017.1	7622.4	7230.7	6815.0	6372.4	5908.9	5361.7	4826.4	4276.2
-17.5°	8196.6	7879.6	7523.7	7147.0	6758.2	6339.6	5908.9	5517.2	5005.9	4503.5	3959.2
-20°	7598.5	7302.4	6982.5	6626.6	6237.9	5828.2	5421.5	5011.8	4569.3	4126.7	3621.3



REPORT NUMBER: P722143
 CATALOG NUMBER: IFLD-S-SA6A-760-U-76

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	6976.5	6677.5	6354.5	6022.6	5663.7	5284.0	4907.2	4515.4	4126.7	3726.0	3298.4
-25°	6258.8	5995.7	5699.6	5376.7	5056.7	4724.8	4365.9	4010.1	3678.1	3331.3	2981.4
-27.5°	5508.2	5266.0	4996.9	4715.8	4440.7	4162.6	3851.6	3522.6	3247.5	2960.5	2670.4
-30°	4718.8	4524.4	4306.1	4060.9	3848.6	3624.3	3364.2	3092.0	2840.8	2622.5	2389.3
-32.5°	3971.2	3806.7	3651.2	3489.7	3280.4	3107.0	2927.6	2727.2	2505.9	2299.6	2132.1
-35°	3328.3	3151.8	3086.0	2966.4	2816.9	2664.4	2532.8	2389.3	2221.8	2039.4	1901.9
-37.5°	2787.0	2682.3	2589.6	2523.9	2425.2	2302.6	2197.9	2093.2	1964.7	1827.1	1689.6
-40°	2365.4	2293.6	2191.9	2159.0	2096.2	2012.5	1904.9	1824.1	1737.4	1632.7	1516.1
-42.5°	2027.5	1973.6	1907.8	1851.0	1824.1	1764.3	1680.6	1602.8	1534.1	1462.3	1372.6
-45°	1749.4	1713.5	1671.6	1620.8	1599.8	1552.0	1492.2	1405.5	1366.6	1306.8	1241.0
-47.5°	1525.1	1507.1	1477.2	1444.3	1414.4	1378.6	1324.7	1270.9	1217.1	1178.2	1127.4
-50°	1348.7	1336.7	1318.7	1291.8	1253.0	1229.0	1193.2	1145.3	1094.5	1061.6	1025.7
-52.5°	1208.1	1196.1	1184.2	1163.2	1133.3	1109.4	1079.5	1040.6	998.8	965.9	936.0
-55°	1100.5	1082.5	1073.5	1055.6	1031.7	1004.8	977.8	950.9	915.0	885.1	855.2
-57.5°	1016.7	992.8	980.8	965.9	942.0	915.0	894.1	867.2	843.3	810.4	783.5
-60°	950.9	924.0	900.1	885.1	864.2	837.3	816.4	795.4	771.5	744.6	711.7
-62.5°	897.1	864.2	831.3	813.4	792.4	768.5	747.6	726.7	702.7	675.8	645.9
-65°	846.3	807.4	765.5	747.6	726.7	702.7	675.8	660.9	639.9	616.0	586.1
-67.5°	783.5	741.6	705.7	684.8	663.9	642.9	619.0	604.1	583.1	553.2	523.3
-70°	690.8	663.9	639.9	622.0	604.1	586.1	562.2	538.3	514.3	487.4	460.5
-72.5°	574.1	565.2	562.2	553.2	532.3	511.4	487.4	463.5	442.6	421.6	400.7
-75°	463.5	469.5	475.5	472.5	451.5	430.6	409.7	388.7	373.8	355.9	337.9
-77.5°	367.8	373.8	379.8	379.8	364.8	352.9	337.9	323.0	311.0	296.0	278.1
-80°	284.1	293.1	302.0	308.0	296.0	287.1	275.1	263.2	251.2	239.2	227.3
-82.5°	215.3	224.3	233.2	239.2	230.3	224.3	215.3	206.3	197.4	185.4	176.4
-85°	155.5	161.5	167.5	170.5	164.5	158.5	152.5	146.5	140.5	131.6	125.6
-87.5°	89.7	92.7	95.7	98.7	92.7	86.7	83.7	77.7	74.8	68.8	65.8
-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: P722143
 CATALOG NUMBER: IFLD-S-SA6A-760-U-76

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°	74.8	68.8	62.8	59.8	53.8	44.9	38.9	32.9	26.9	20.9	17.9
85°	158.5	143.5	125.6	116.6	104.7	92.7	80.7	68.8	56.8	44.9	32.9
82.5°	272.1	254.2	236.2	215.3	188.4	155.5	122.6	101.7	83.7	65.8	50.8
80°	409.7	376.8	346.9	320.0	290.1	248.2	203.3	161.5	113.6	86.7	65.8
77.5°	568.2	529.3	487.4	442.6	394.7	337.9	287.1	233.2	176.4	119.6	83.7
75°	747.6	696.8	639.9	577.1	514.3	439.6	367.8	305.0	239.2	167.5	101.7
72.5°	947.9	885.1	816.4	732.6	634.0	547.2	460.5	376.8	299.0	212.3	137.6
70°	1205.1	1106.4	1004.8	915.0	789.5	651.9	550.2	454.5	355.9	260.2	173.4
67.5°	1480.2	1360.6	1238.0	1106.4	947.9	786.5	639.9	532.3	415.7	305.0	206.3
65°	1779.3	1629.7	1474.2	1327.7	1109.4	918.0	753.6	607.0	472.5	346.9	239.2
62.5°	2087.3	1910.8	1731.4	1540.0	1288.8	1052.6	861.2	690.8	526.3	385.8	269.1
60°	2416.2	2209.9	1991.6	1752.3	1459.3	1199.1	962.9	777.5	583.1	424.6	302.0
57.5°	2763.1	2538.8	2281.6	1958.7	1635.7	1339.7	1079.5	855.2	634.0	460.5	325.9
55°	3139.9	2882.7	2601.6	2174.0	1809.2	1480.2	1196.1	933.0	687.8	490.4	349.9
52.5°	3546.6	3247.5	2891.7	2401.3	1991.6	1623.8	1303.8	1001.8	738.6	523.3	370.8
50°	4001.1	3624.3	3145.9	2610.6	2150.1	1758.3	1411.4	1076.5	780.5	559.2	388.7
47.5°	4473.6	4066.9	3373.1	2805.0	2311.5	1889.9	1522.1	1142.3	822.3	589.1	406.7
45°	4967.0	4374.9	3609.4	2978.4	2452.1	2009.5	1605.8	1202.1	873.2	616.0	421.6
42.5°	5454.4	4608.1	3815.7	3151.8	2583.7	2117.2	1674.6	1258.9	915.0	642.9	436.6
40°	5684.7	4784.6	3980.2	3271.4	2694.3	2212.9	1734.4	1309.8	950.9	660.9	451.5
37.5°	5780.4	4892.2	4087.8	3385.1	2781.0	2263.7	1785.2	1354.6	980.8	678.8	463.5
35°	5801.3	4931.1	4141.6	3462.8	2852.8	2311.5	1824.1	1387.5	1004.8	696.8	475.5
32.5°	5762.4	4919.1	4156.6	3489.7	2897.7	2347.4	1851.0	1411.4	1022.7	714.7	487.4
30°	5675.7	4856.3	4102.8	3486.8	2930.5	2368.4	1869.0	1429.4	1040.6	726.7	493.4
27.5°	5535.1	4745.7	4034.0	3489.7	2948.5	2377.3	1877.9	1438.4	1052.6	735.6	505.4
25°	5361.7	4596.2	4037.0	3483.8	2951.5	2380.3	1877.9	1438.4	1055.6	738.6	514.3
22.5°	5161.4	4596.2	4037.0	3474.8	2933.5	2374.3	1869.0	1432.4	1055.6	744.6	523.3
20°	5173.3	4599.2	4028.0	3456.9	2906.6	2356.4	1848.0	1417.4	1046.6	753.6	529.3
17.5°	5182.3	4593.2	4010.1	3432.9	2870.7	2326.5	1821.1	1396.5	1046.6	762.5	532.3
15°	5182.3	4575.2	3983.2	3397.0	2825.9	2284.6	1782.3	1378.6	1049.6	765.5	538.3
12.5°	5173.3	4542.4	3941.3	3349.2	2772.1	2233.8	1758.3	1372.6	1049.6	768.5	538.3
10°	5155.4	4497.5	3887.5	3289.4	2721.2	2215.9	1746.4	1360.6	1043.6	768.5	538.3
7.5°	5122.5	4443.7	3842.6	3253.5	2691.3	2194.9	1728.4	1342.7	1034.7	762.5	544.2
5°	5071.6	4413.8	3806.7	3211.6	2649.5	2180.0	1716.5	1327.7	1028.7	762.5	538.3
2.5°	5005.9	4377.9	3764.9	3157.8	2601.6	2129.1	1677.6	1294.8	1007.7	750.6	532.3
0°	4898.2	4306.1	3693.1	3083.1	2535.8	2078.3	1638.7	1261.9	986.8	738.6	526.3
-2.5°	4799.5	4210.4	3600.4	3005.3	2473.0	2033.4	1608.8	1244.0	977.8	735.6	523.3
-5°	4662.0	4078.8	3477.8	2903.6	2389.3	1988.6	1578.9	1223.1	968.9	729.6	523.3
-7.5°	4509.5	3941.3	3349.2	2799.0	2305.6	1910.8	1522.1	1190.2	947.9	717.7	520.3
-10°	4273.2	3735.0	3187.7	2679.4	2215.9	1842.1	1474.2	1160.3	930.0	705.7	508.4
-12.5°	4022.0	3507.7	3002.3	2532.8	2114.2	1770.3	1420.4	1127.4	909.1	693.8	502.4
-15°	3755.9	3274.4	2807.9	2380.3	2003.5	1683.6	1363.6	1091.5	888.1	678.8	493.4
-17.5°	3477.8	3029.2	2607.6	2224.8	1892.9	1593.9	1303.8	1058.6	864.2	663.9	484.4
-20°	3184.7	2778.0	2404.2	2066.3	1776.3	1504.1	1241.0	1019.7	837.3	645.9	472.5



REPORT NUMBER: P722143

CATALOG NUMBER: IFLD-S-SA6A-760-U-76

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	2894.7	2529.8	2194.9	1910.8	1656.7	1411.4	1178.2	980.8	807.4	625.0	463.5
-25°	2637.5	2296.6	2009.5	1761.3	1540.0	1321.7	1112.4	942.0	774.5	604.1	451.5
-27.5°	2386.3	2096.2	1827.1	1620.8	1426.4	1235.0	1049.6	900.1	741.6	580.1	439.6
-30°	2153.1	1904.9	1683.6	1483.2	1318.7	1157.3	995.8	858.2	705.7	556.2	424.6
-32.5°	1940.7	1740.4	1555.0	1363.6	1217.1	1079.5	945.0	816.4	669.8	532.3	409.7
-35°	1743.4	1587.9	1426.4	1264.9	1115.4	1007.7	891.1	771.5	636.9	505.4	394.7
-37.5°	1566.9	1441.4	1312.8	1175.2	1046.6	939.0	840.3	726.7	604.1	481.4	379.8
-40°	1414.4	1312.8	1199.1	1088.5	980.8	879.2	789.5	681.8	571.2	463.5	364.8
-42.5°	1273.9	1196.1	1103.4	1010.7	915.0	825.3	738.6	634.0	538.3	442.6	349.9
-45°	1166.2	1088.5	1013.7	930.0	849.3	771.5	684.8	592.1	508.4	418.6	334.9
-47.5°	1064.6	995.8	927.0	858.2	792.4	720.7	634.0	556.2	475.5	397.7	323.0
-50°	974.9	909.1	849.3	789.5	732.6	663.9	583.1	520.3	448.6	376.8	308.0
-52.5°	891.1	834.3	774.5	726.7	678.8	610.0	544.2	484.4	421.6	352.9	293.1
-55°	816.4	762.5	708.7	663.9	619.0	559.2	505.4	454.5	394.7	334.9	278.1
-57.5°	744.6	699.7	648.9	607.0	562.2	514.3	469.5	421.6	367.8	317.0	263.2
-60°	678.8	636.9	592.1	550.2	511.4	472.5	430.6	391.7	343.9	296.0	248.2
-62.5°	613.0	577.1	538.3	496.4	466.5	430.6	397.7	358.8	320.0	278.1	221.3
-65°	553.2	520.3	484.4	448.6	421.6	394.7	364.8	328.9	296.0	257.2	197.4
-67.5°	493.4	463.5	433.6	403.7	379.8	358.8	328.9	302.0	275.1	233.2	173.4
-70°	436.6	412.7	385.8	361.8	343.9	320.0	299.0	275.1	251.2	203.3	146.5
-72.5°	382.8	358.8	337.9	320.0	305.0	284.1	266.1	248.2	215.3	170.5	122.6
-75°	320.0	305.0	293.1	278.1	263.2	248.2	233.2	212.3	179.4	137.6	95.7
-77.5°	263.2	254.2	245.2	233.2	221.3	209.3	191.4	170.5	143.5	107.7	77.7
-80°	215.3	206.3	200.4	188.4	179.4	167.5	149.5	131.6	104.7	83.7	62.8
-82.5°	164.5	158.5	152.5	146.5	137.6	125.6	107.7	92.7	77.7	62.8	47.8
-85°	116.6	113.6	107.7	101.7	92.7	83.7	71.8	62.8	53.8	41.9	32.9
-87.5°	59.8	56.8	53.8	50.8	47.8	41.9	35.9	29.9	26.9	20.9	15.0
-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: P722143
 CATALOG NUMBER: IFLD-S-SA6A-760-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	12.0	9.0	3.0	0.0
85°	23.9	15.0	6.0	0.0
82.5°	35.9	23.9	9.0	0.0
80°	47.8	29.9	15.0	0.0
77.5°	59.8	35.9	17.9	0.0
75°	71.8	44.9	20.9	0.0
72.5°	80.7	50.8	23.9	0.0
70°	95.7	59.8	26.9	0.0
67.5°	119.6	65.8	29.9	0.0
65°	140.5	71.8	32.9	0.0
62.5°	164.5	77.7	35.9	0.0
60°	185.4	83.7	38.9	0.0
57.5°	206.3	98.7	41.9	0.0
55°	224.3	110.6	44.9	0.0
52.5°	245.2	122.6	47.8	0.0
50°	263.2	134.6	50.8	0.0
47.5°	278.1	146.5	50.8	0.0
45°	290.1	155.5	53.8	0.0
42.5°	299.0	164.5	56.8	0.0
40°	308.0	173.4	59.8	0.0
37.5°	317.0	182.4	59.8	0.0
35°	325.9	191.4	62.8	0.0
32.5°	334.9	200.4	62.8	0.0
30°	340.9	206.3	65.8	0.0
27.5°	349.9	212.3	65.8	0.0
25°	352.9	218.3	68.8	0.0
22.5°	358.8	221.3	68.8	0.0
20°	364.8	227.3	68.8	0.0
17.5°	367.8	230.3	71.8	0.0
15°	367.8	233.2	74.8	0.0
12.5°	370.8	236.2	74.8	0.0
10°	370.8	242.2	71.8	0.0
7.5°	376.8	239.2	71.8	0.0
5°	373.8	239.2	71.8	0.0
2.5°	370.8	236.2	71.8	0.0
0°	367.8	236.2	71.8	0.0
-2.5°	367.8	236.2	71.8	0.0
-5°	367.8	236.2	71.8	0.0
-7.5°	364.8	239.2	71.8	0.0
-10°	358.8	239.2	71.8	0.0
-12.5°	355.9	230.3	71.8	0.0
-15°	352.9	227.3	71.8	0.0
-17.5°	346.9	224.3	68.8	0.0
-20°	340.9	221.3	68.8	0.0



REPORT NUMBER: P722143
 CATALOG NUMBER: IFLD-S-SA6A-760-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	334.9	215.3	68.8	0.0
-25°	328.9	209.3	65.8	0.0
-27.5°	323.0	203.3	65.8	0.0
-30°	314.0	197.4	62.8	0.0
-32.5°	305.0	191.4	62.8	0.0
-35°	299.0	182.4	59.8	0.0
-37.5°	290.1	173.4	59.8	0.0
-40°	281.1	164.5	56.8	0.0
-42.5°	272.1	155.5	53.8	0.0
-45°	260.2	146.5	53.8	0.0
-47.5°	251.2	137.6	50.8	0.0
-50°	236.2	125.6	47.8	0.0
-52.5°	218.3	113.6	44.9	0.0
-55°	200.4	104.7	41.9	0.0
-57.5°	182.4	92.7	41.9	0.0
-60°	164.5	80.7	38.9	0.0
-62.5°	146.5	74.8	35.9	0.0
-65°	128.6	68.8	32.9	0.0
-67.5°	107.7	59.8	29.9	0.0
-70°	89.7	53.8	26.9	0.0
-72.5°	77.7	47.8	23.9	0.0
-75°	65.8	41.9	20.9	0.0
-77.5°	56.8	35.9	17.9	0.0
-80°	44.9	26.9	12.0	0.0
-82.5°	32.9	20.9	9.0	0.0
-85°	20.9	15.0	6.0	0.0
-87.5°	12.0	6.0	3.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)