

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: P722404

Luminaire Tested: **IFLD-S-SA6A-727-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722404
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA6A-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:	23080.2 lumens	Max Intensity:	16112.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	121.7 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:	14724.2 lumens	Field Lumens:	21759.5 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

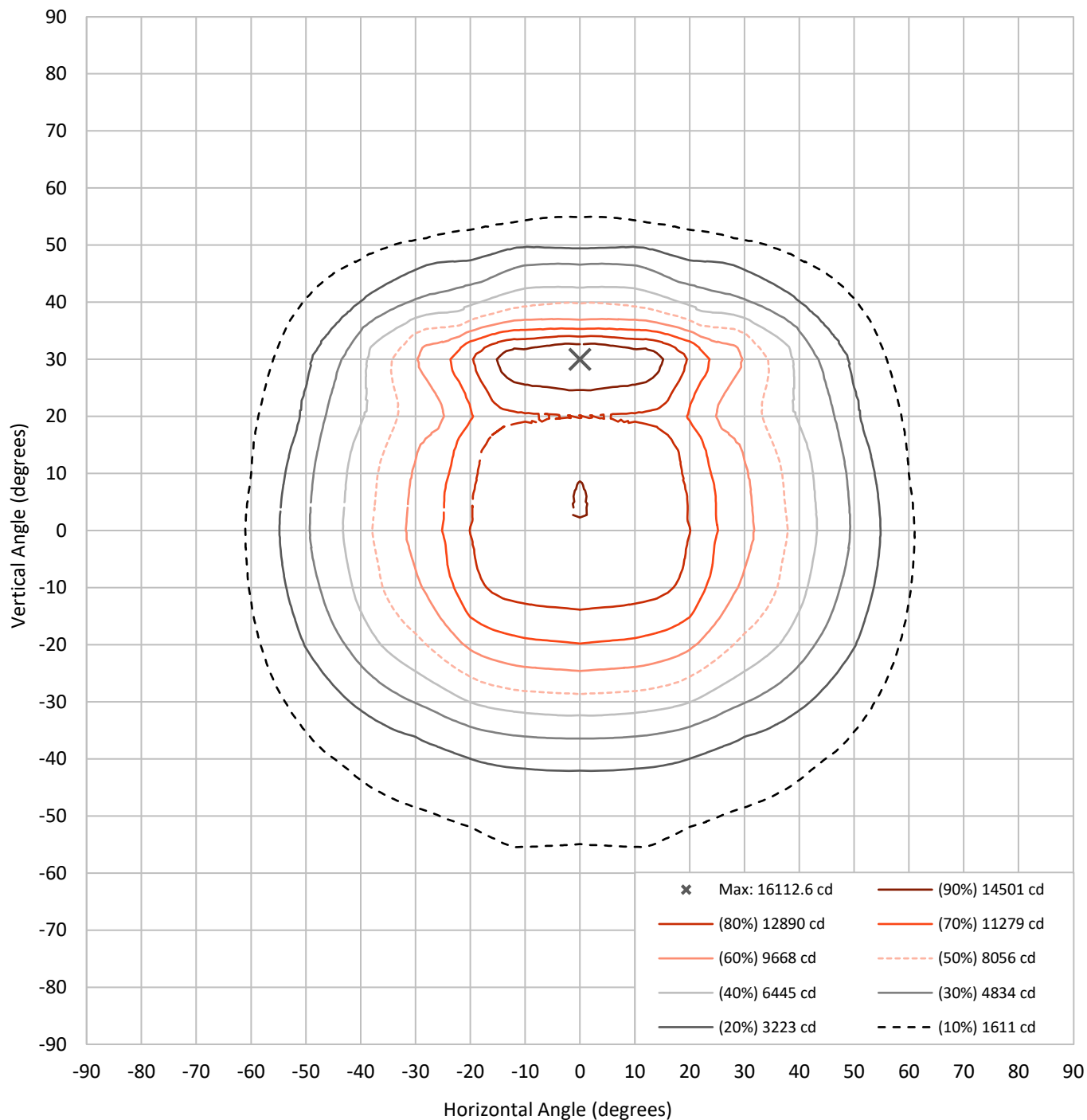
Input Watts (W): 189.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



REPORT NUMBER: P722404

CATALOG NUMBER: IFLD-S-SA6A-727-U-76-VI

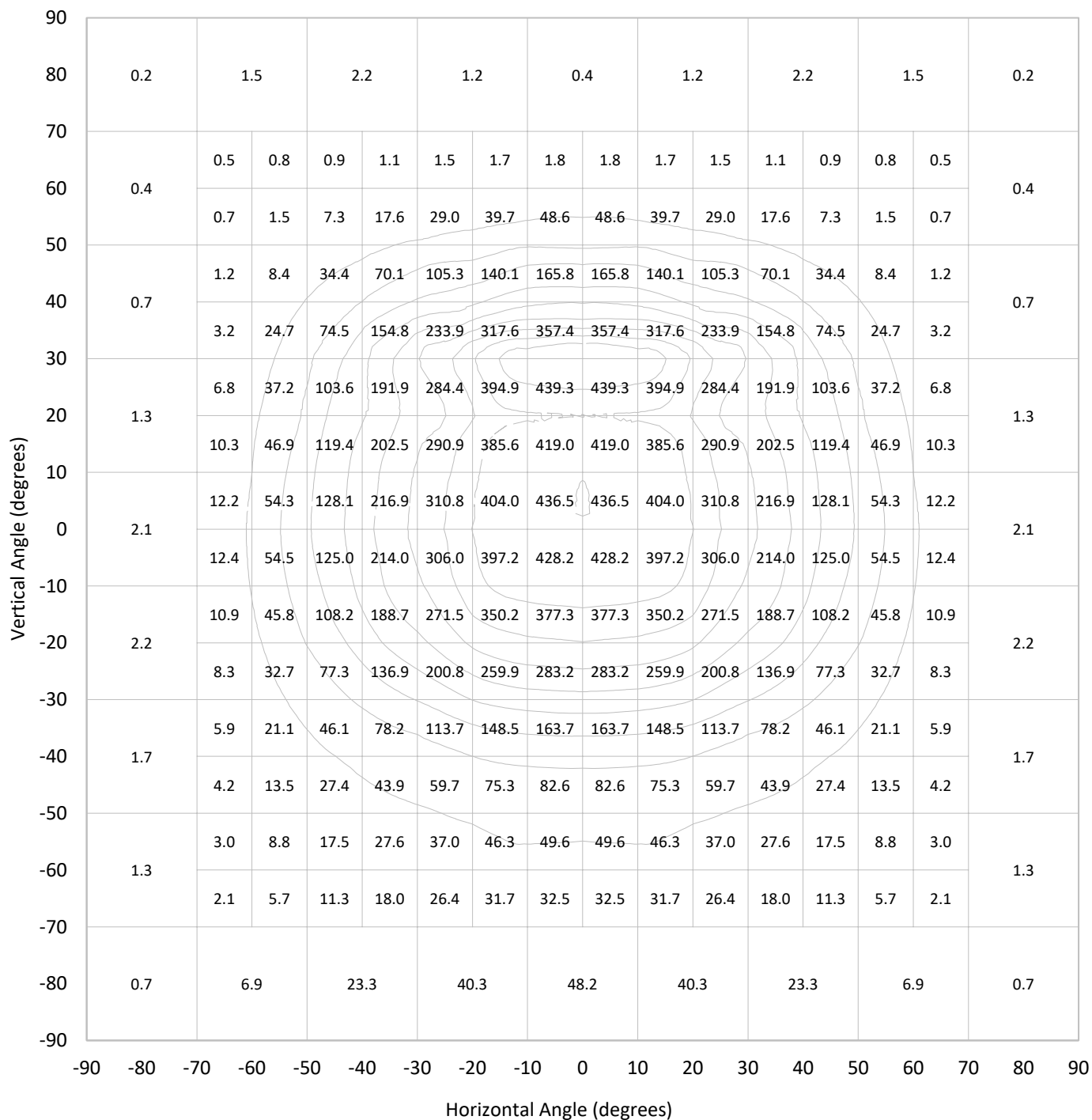
Iso-Candela Plot



REPORT NUMBER: P722404

CATALOG NUMBER: IFLD-S-SA6A-727-U-76-VI

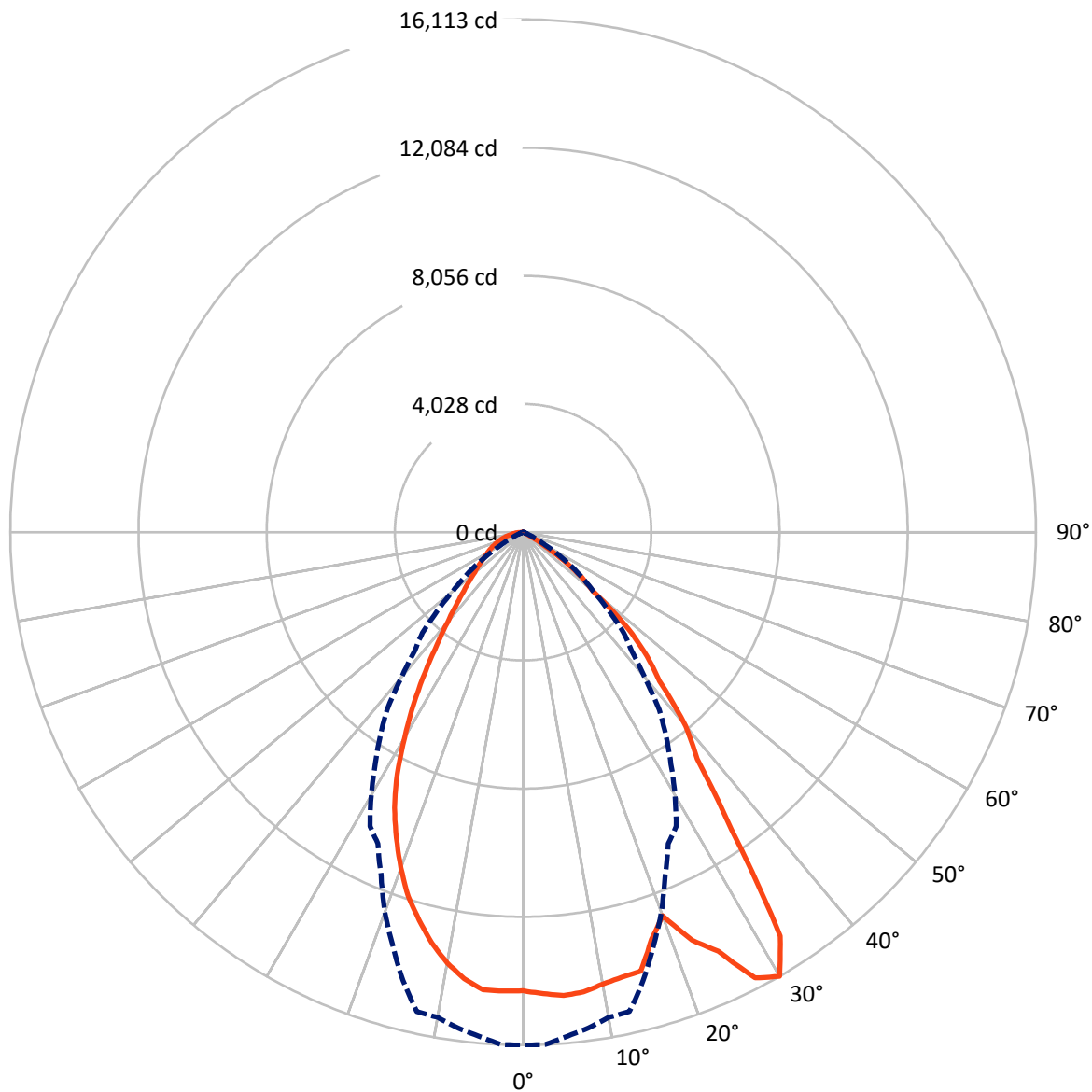
Lumen Table



REPORT NUMBER: P722404

CATALOG NUMBER: IFLD-S-SA6A-727-U-76-VI

Luminous Intensity Polar Plot



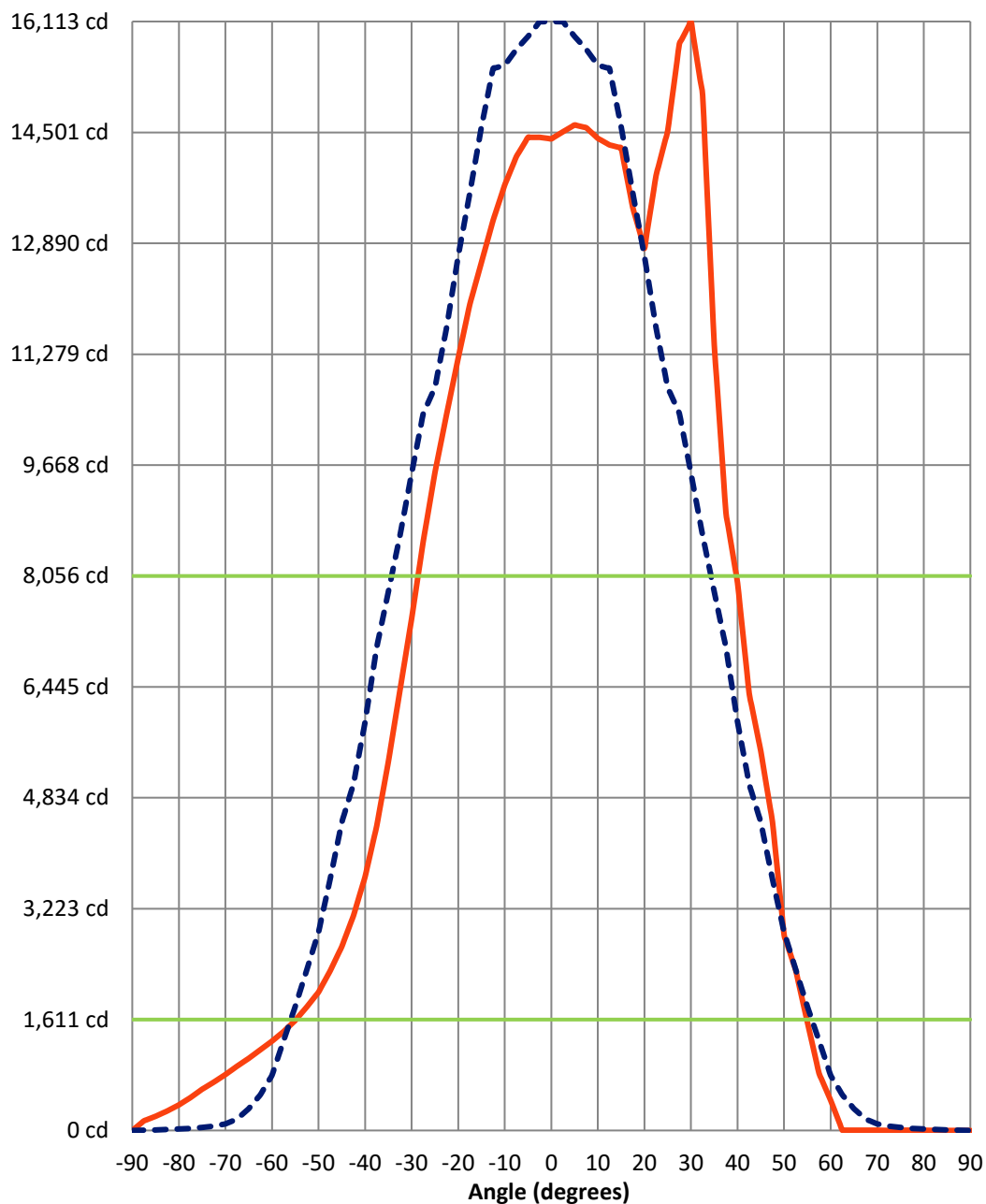
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

REPORT NUMBER: P722404

CATALOG NUMBER: IFLD-S-SA6A-727-U-76-VI

Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 14724.2

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 21759.5

Efficiency: 94.3%

Spill:

Lumens: 1320.7

Efficiency: 5.7%

— Vertical Distribution through 0-Deg

- - - Horizontal Distribution through 30-Deg

REPORT NUMBER: P722404

CATALOG NUMBER: IFLD-S-SA6A-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	3.7	3.7	3.7	3.7	3.7	3.7	3.7
85°	0.0	3.7	3.7	3.7	7.3	7.3	7.3	7.3	7.3	7.3	11.0
82.5°	0.0	3.7	3.7	3.7	7.3	7.3	7.3	7.3	11.0	11.0	14.7
80°	3.7	3.7	3.7	3.7	7.3	7.3	7.3	11.0	11.0	14.7	14.7
77.5°	3.7	3.7	3.7	7.3	7.3	7.3	11.0	11.0	14.7	14.7	18.4
75°	3.7	3.7	3.7	7.3	7.3	11.0	11.0	11.0	14.7	14.7	18.4
72.5°	0.0	3.7	3.7	7.3	7.3	11.0	11.0	11.0	14.7	14.7	14.7
70°	3.7	3.7	3.7	7.3	7.3	11.0	11.0	11.0	14.7	14.7	14.7
67.5°	3.7	3.7	3.7	7.3	7.3	11.0	11.0	14.7	14.7	14.7	18.4
65°	3.7	3.7	3.7	7.3	11.0	11.0	14.7	18.4	18.4	22.0	25.7
62.5°	3.7	7.3	7.3	11.0	14.7	18.4	40.4	62.5	62.5	44.1	36.7
60°	437.3	474.0	470.3	426.2	371.1	312.3	301.3	290.3	268.2	235.2	246.2
57.5°	830.4	874.5	892.9	881.9	852.5	801.0	771.6	738.6	694.5	643.0	584.2
55°	1572.7	1591.0	1550.6	1473.5	1388.9	1304.4	1275.0	1230.9	1164.8	1098.7	1010.5
52.5°	2325.9	2388.4	2370.0	2292.9	2179.0	2028.3	1863.0	1734.3	1657.2	1583.7	1495.5
50°	2840.4	2866.1	2917.5	3009.4	3042.5	2939.6	2671.3	2325.9	2079.8	2204.7	2109.1
47.5°	4482.9	4611.5	4585.7	4519.6	4409.4	4130.1	3755.3	3446.7	3189.4	3104.9	3119.6
45°	5508.0	5559.5	5541.1	5511.7	5460.3	5199.4	4784.2	4310.2	4071.3	3975.8	3876.6
42.5°	6349.5	6404.6	6415.6	6419.3	6364.2	6125.3	5750.5	5276.5	5037.7	4762.1	4545.3
40°	7955.2	8036.1	7944.2	7822.9	7639.2	7367.3	6999.9	6562.6	6140.0	5802.0	5544.8
37.5°	8980.4	9079.6	9116.4	9109.0	9068.6	8951.0	8499.0	8083.8	7437.1	6680.2	6816.1
35°	11412.9	11515.8	11486.4	11376.2	11317.4	11192.4	10751.5	10259.1	9447.1	8624.0	8403.5
32.5°	15039.6	15263.7	14844.9	14385.6	14102.6	14201.8	13753.5	12548.3	12173.5	10689.0	10001.9
30°	16112.6	16108.9	15895.8	15708.4	15476.9	15429.1	14584.0	13621.3	12702.6	11662.8	10795.6
27.5°	15785.5	15719.4	15539.3	15403.4	15186.6	15072.7	14245.9	13481.6	12419.7	11490.1	10652.3
25°	14525.2	14576.6	14392.9	14367.2	14282.7	14062.2	13650.7	12790.8	11842.8	10814.0	10211.4
22.5°	13874.8	13856.4	13636.0	13507.4	13610.2	13375.1	13209.7	12342.5	11354.1	10486.9	9763.1
20°	12816.6	12820.2	12765.1	12754.1	12691.6	12585.1	12452.8	11839.1	11141.0	10398.8	9527.9
17.5°	13408.1	13558.8	13624.9	13077.4	13231.8	13110.5	12970.9	12114.7	11589.3	10931.5	9796.1
15°	14275.3	14220.2	14154.1	14124.7	14040.2	13926.2	13672.7	12989.3	12085.3	11405.6	10520.0
12.5°	14319.4	14212.9	14187.1	14183.5	14095.3	13937.3	13691.1	13125.2	12324.2	11497.4	10777.2
10°	14414.9	14304.7	14290.0	14308.4	14172.4	14073.2	13827.0	13301.6	12397.7	11655.4	10975.6
7.5°	14569.3	14385.6	14470.1	14414.9	14352.5	14194.5	13929.9	13415.5	12665.9	11864.9	11152.0
5°	14609.7	14407.6	14499.5	14448.0	14356.2	14201.8	13915.2	13489.0	12831.3	11949.4	11221.8
2.5°	14510.5	14451.7	14411.3	14315.7	14275.3	14106.3	13834.4	13378.7	12754.1	11912.6	11207.1
0°	14407.6	14459.0	14367.2	14271.6	14253.3	14117.3	13885.8	13474.3	12934.1	12015.5	11332.1
-2.5°	14429.6	14389.2	14326.8	14227.5	14132.0	13937.3	13727.8	13342.0	12761.4	11791.4	11155.7
-5°	14429.6	14242.2	14249.6	14253.3	14157.7	13955.6	13702.1	13375.1	12658.6	11787.7	11104.2
-7.5°	14150.4	13988.7	13963.0	13940.9	13915.2	13727.8	13529.4	13121.5	12485.9	11692.2	10960.9
-10°	13738.8	13580.8	13595.5	13562.5	13481.6	13356.7	13206.0	12838.6	12316.8	11390.9	10670.7
-12.5°	13224.4	13154.6	13114.2	13059.1	12978.2	12868.0	12713.7	12368.3	11809.7	11019.7	10336.3
-15°	12614.5	12563.0	12526.3	12493.2	12375.6	12261.7	12059.6	11739.9	11390.9	10542.1	9843.9
-17.5°	12004.5	11875.9	11824.4	11780.4	11703.2	11519.5	11335.7	11096.9	10608.2	9935.8	9336.8
-20°	11221.8	11144.7	11082.2	11023.4	10913.2	10769.9	10619.2	10343.6	9921.1	9377.2	8756.3

REPORT NUMBER: P722404

CATALOG NUMBER: IFLD-S-SA6A-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°	10402.4	10358.3	10306.9	10233.4	10159.9	10024.0	9814.5	9549.9	9219.2	8631.3	8050.8
-25°	9557.3	9472.8	9410.3	9340.5	9281.7	9156.8	8954.7	8701.1	8285.9	7778.9	7293.8
-27.5°	8561.5	8480.7	8447.6	8366.8	8315.3	8201.4	7999.3	7764.2	7389.4	6963.1	6470.7
-30°	7437.1	7451.8	7415.1	7337.9	7275.5	7128.5	6974.1	6775.7	6481.8	6073.9	5633.0
-32.5°	6397.3	6415.6	6371.5	6290.7	6209.9	6103.3	5960.0	5779.9	5559.5	5170.0	4787.8
-35°	5357.4	5350.0	5313.3	5265.5	5210.4	5122.2	4960.5	4824.6	4571.0	4299.1	4034.6
-37.5°	4424.1	4442.4	4431.4	4405.7	4343.2	4269.7	4137.5	4012.5	3825.1	3586.3	3380.5
-40°	3685.5	3707.5	3692.8	3667.1	3612.0	3567.9	3479.7	3369.5	3218.8	3013.1	2840.4
-42.5°	3119.6	3134.3	3116.0	3093.9	3046.1	3013.1	2943.3	2851.4	2726.5	2568.5	2414.1
-45°	2671.3	2675.0	2656.6	2641.9	2605.2	2564.8	2506.0	2432.5	2333.3	2223.1	2098.1
-47.5°	2318.6	2314.9	2296.5	2281.8	2252.5	2215.7	2167.9	2101.8	2024.6	1940.1	1840.9
-50°	2009.9	2028.3	2021.0	2006.3	1984.2	1958.5	1910.7	1840.9	1763.7	1701.3	1631.5
-52.5°	1796.8	1800.5	1796.8	1796.8	1793.1	1774.8	1719.7	1649.8	1565.3	1510.2	1451.4
-55°	1598.4	1616.8	1624.1	1631.5	1635.1	1635.1	1569.0	1495.5	1414.7	1359.6	1315.5
-57.5°	1436.7	1447.7	1455.1	1473.5	1488.2	1499.2	1440.4	1374.3	1311.8	1260.3	1219.9
-60°	1297.1	1311.8	1322.8	1341.2	1352.2	1359.6	1322.8	1278.7	1242.0	1208.9	1150.1
-62.5°	1172.2	1183.2	1194.2	1205.2	1216.2	1223.6	1208.9	1186.9	1168.5	1153.8	1080.3
-65°	1047.2	1058.2	1069.3	1084.0	1095.0	1102.3	1098.7	1084.0	1069.3	1054.6	988.4
-67.5°	933.3	944.3	959.0	962.7	970.1	973.7	966.4	955.4	937.0	918.6	867.2
-70°	812.1	819.4	826.8	826.8	826.8	823.1	815.7	801.0	782.7	756.9	716.5
-72.5°	701.8	709.2	716.5	705.5	698.1	687.1	676.1	657.7	639.4	621.0	598.9
-75°	598.9	602.6	602.6	587.9	576.9	565.9	551.2	540.1	521.8	507.1	488.7
-77.5°	477.7	477.7	477.7	466.7	459.3	452.0	440.9	429.9	415.2	404.2	389.5
-80°	371.1	371.1	371.1	367.4	356.4	349.1	341.7	334.4	323.4	316.0	308.7
-82.5°	282.9	282.9	282.9	279.3	271.9	268.2	260.9	253.5	249.9	242.5	238.8
-85°	205.8	209.4	209.4	205.8	202.1	194.7	191.1	187.4	183.7	180.0	172.7
-87.5°	139.6	139.6	139.6	136.0	132.3	132.3	128.6	121.3	113.9	110.2	106.6
-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: P722404

CATALOG NUMBER: IFLD-S-SA6A-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°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
85°	11.0	11.0	11.0	14.7	14.7	14.7	14.7	14.7	14.7	14.7	11.0
82.5°	18.4	18.4	22.0	22.0	25.7	25.7	25.7	25.7	25.7	25.7	25.7
80°	18.4	22.0	25.7	29.4	33.1	36.7	36.7	36.7	36.7	33.1	33.1
77.5°	22.0	22.0	25.7	29.4	33.1	36.7	40.4	44.1	40.4	40.4	40.4
75°	22.0	25.7	25.7	29.4	33.1	36.7	40.4	44.1	44.1	44.1	44.1
72.5°	18.4	22.0	25.7	29.4	29.4	33.1	36.7	36.7	40.4	40.4	44.1
70°	18.4	22.0	25.7	25.7	29.4	29.4	33.1	36.7	36.7	40.4	40.4
67.5°	22.0	25.7	25.7	29.4	33.1	33.1	33.1	36.7	36.7	40.4	40.4
65°	25.7	29.4	29.4	33.1	36.7	36.7	40.4	40.4	40.4	44.1	44.1
62.5°	44.1	44.1	44.1	40.4	44.1	44.1	44.1	47.8	47.8	44.1	47.8
60°	227.8	165.4	113.9	143.3	128.6	58.8	58.8	58.8	55.1	55.1	51.4
57.5°	536.5	499.7	429.9	363.8	327.0	290.3	180.0	73.5	73.5	66.1	58.8
55°	896.6	775.3	723.9	635.7	540.1	496.1	411.5	279.3	132.3	88.2	77.2
52.5°	1388.9	1275.0	1142.8	962.7	834.1	731.2	661.4	525.4	352.7	187.4	117.6
50°	1859.3	1807.8	1727.0	1550.6	1282.4	1109.7	995.8	841.5	632.0	385.8	220.5
47.5°	2994.7	2564.8	2303.9	2167.9	1943.8	1616.8	1396.3	1223.6	970.1	650.4	389.5
45°	3770.0	3498.1	3082.9	2796.3	2465.6	2120.2	1833.6	1635.1	1333.8	973.7	610.0
42.5°	4435.1	4199.9	3825.1	3406.2	3057.2	2605.2	2237.8	1976.9	1723.3	1330.2	911.3
40°	5291.2	5012.0	4651.9	4244.0	3836.1	3259.3	2664.0	2348.0	2068.7	1719.7	1230.9
37.5°	6702.2	6209.9	5621.9	5170.0	4637.2	4148.5	3332.7	2774.2	2443.5	2079.8	1605.7
35°	8399.8	7859.7	6878.6	6279.7	5566.8	4839.3	4104.4	3277.6	2807.3	2421.5	1951.1
32.5°	9979.9	9189.9	7933.2	7231.4	6757.4	5416.2	4655.6	3939.0	3182.1	2708.1	2149.6
30°	10417.1	9546.3	8646.0	7826.6	7018.2	5934.3	5034.0	4475.5	3652.4	2880.8	2337.0
27.5°	9976.2	9377.2	8679.1	7918.5	7044.0	6114.3	5265.5	4732.7	3997.8	2998.4	2483.9
25°	9527.9	8903.2	8414.5	7778.9	6970.5	6103.3	5272.9	4894.4	4266.1	3226.2	2564.8
22.5°	9053.9	8664.4	8260.2	7551.0	6786.7	6136.4	5511.7	5034.0	4405.7	3483.4	2597.9
20°	9079.6	8826.1	8381.5	7433.5	6753.7	6331.1	5798.3	5210.4	4556.3	3707.5	2623.6
17.5°	9491.2	9160.5	8601.9	7778.9	7051.3	6529.5	6037.2	5452.9	4710.7	3906.0	2935.9
15°	9998.2	9494.8	8910.6	8186.7	7363.6	6746.3	6220.9	5621.9	4887.0	4089.7	3215.2
12.5°	10365.7	9649.2	9101.7	8447.6	7701.7	6981.5	6342.1	5750.5	5052.4	4240.3	3424.6
10°	10490.6	9840.2	9193.5	8609.3	7874.4	7106.4	6434.0	5831.4	5195.7	4357.9	3578.9
7.5°	10556.8	10005.6	9256.0	8682.8	7977.3	7183.6	6507.5	5875.5	5309.6	4438.8	3678.1
5°	10549.4	10093.8	9303.8	8704.8	8032.4	7216.7	6558.9	5886.5	5390.4	4508.6	3736.9
2.5°	10516.3	10152.6	9380.9	8741.6	8142.6	7279.1	6658.1	5908.5	5419.8	4585.7	3777.4
0°	10637.6	10156.2	9461.8	8752.6	8216.1	7301.2	6702.2	5890.2	5379.4	4607.8	3773.7
-2.5°	10376.7	9939.4	9443.4	8657.1	8116.9	7249.7	6621.4	5831.4	5291.2	4582.1	3759.0
-5°	10332.6	9781.4	9289.1	8568.9	7951.6	7143.2	6470.7	5721.2	5151.6	4497.6	3700.2
-7.5°	10215.0	9630.8	9138.4	8499.0	7797.2	7032.9	6327.4	5607.2	5001.0	4365.3	3615.7
-10°	9957.8	9399.3	8976.7	8348.4	7609.8	6874.9	6154.7	5456.6	4824.6	4185.2	3483.4
-12.5°	9590.4	9031.8	8613.0	8028.7	7374.7	6661.8	5949.0	5261.8	4622.5	3994.1	3325.4
-15°	9175.2	8609.3	8190.4	7657.6	7025.6	6331.1	5688.1	5015.7	4391.0	3792.1	3138.0
-17.5°	8704.8	8168.3	7764.2	7246.1	6617.7	5956.3	5317.0	4707.0	4122.8	3582.6	2921.2
-20°	8161.0	7639.2	7268.1	6750.0	6173.1	5530.1	4909.1	4332.2	3806.8	3299.7	2682.4

REPORT NUMBER: P722404

CATALOG NUMBER: IFLD-S-SA6A-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°	7488.6	7029.3	6606.7	6143.7	5640.3	5052.4	4475.5	3964.8	3461.4	2965.3	2436.2
-25°	6801.4	6356.8	5945.3	5522.7	5041.4	4534.3	4041.9	3578.9	3086.6	2638.3	2197.3
-27.5°	6037.2	5640.3	5272.9	4883.4	4442.4	4005.2	3601.0	3149.0	2722.8	2340.6	1962.2
-30°	5221.4	4898.1	4578.4	4233.0	3876.6	3509.1	3149.0	2722.8	2388.4	2083.4	1763.7
-32.5°	4438.8	4148.5	3891.3	3634.1	3325.4	3024.1	2704.4	2388.4	2109.1	1840.9	1572.7
-35°	3751.6	3443.0	3299.7	3093.9	2847.7	2575.8	2314.9	2094.4	1870.3	1627.8	1388.9
-37.5°	3156.4	2957.9	2788.9	2634.6	2439.8	2204.7	2017.3	1837.2	1649.8	1429.4	1223.6
-40°	2689.7	2546.4	2377.4	2263.5	2105.5	1936.4	1749.0	1598.4	1440.4	1260.3	1091.3
-42.5°	2314.9	2197.3	2087.1	1965.8	1848.3	1705.0	1543.3	1400.0	1256.7	1124.4	984.8
-45°	2006.3	1921.7	1833.6	1734.3	1631.5	1506.5	1374.3	1227.3	1124.4	1006.8	889.2
-47.5°	1752.7	1690.3	1616.8	1539.6	1451.4	1341.2	1219.9	1113.4	1006.8	907.6	793.7
-50°	1550.6	1491.8	1433.0	1366.9	1289.7	1194.2	1102.3	1003.1	903.9	808.4	701.8
-52.5°	1381.6	1330.2	1282.4	1227.3	1153.8	1072.9	988.4	900.2	808.4	712.8	628.3
-55°	1264.0	1205.2	1157.5	1102.3	1036.2	959.0	881.9	801.0	712.8	639.4	569.5
-57.5°	1168.5	1102.3	1047.2	988.4	922.3	856.2	786.3	712.8	646.7	576.9	510.8
-60°	1087.6	1010.5	948.0	889.2	826.8	764.3	705.5	643.0	580.6	518.1	452.0
-62.5°	1003.1	922.3	845.1	790.0	742.2	687.1	635.7	576.9	521.8	459.3	411.5
-65°	907.6	830.4	756.9	709.2	665.1	617.3	569.5	518.1	470.3	422.6	378.5
-67.5°	801.0	734.9	683.5	639.4	595.3	554.8	510.8	466.7	426.2	378.5	334.4
-70°	672.4	635.7	606.3	573.2	532.8	496.1	455.6	415.2	371.1	330.7	290.3
-72.5°	573.2	551.2	529.1	496.1	459.3	426.2	393.2	356.4	319.7	282.9	249.9
-75°	470.3	452.0	433.6	411.5	382.1	356.4	327.0	294.0	264.6	238.8	213.1
-77.5°	378.5	363.8	352.7	334.4	312.3	290.3	271.9	249.9	227.8	202.1	176.4
-80°	301.3	294.0	290.3	282.9	264.6	246.2	231.5	213.1	191.1	172.7	154.3
-82.5°	235.2	235.2	231.5	227.8	213.1	198.4	187.4	172.7	158.0	143.3	124.9
-85°	172.7	169.0	169.0	165.4	154.3	147.0	136.0	128.6	117.6	102.9	95.5
-87.5°	102.9	99.2	95.5	91.9	84.5	80.8	73.5	69.8	62.5	55.1	51.4
-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: P722404

CATALOG NUMBER: IFLD-S-SA6A-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°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	0.0	0.0
85°	11.0	7.3	7.3	7.3	7.3	7.3	3.7	3.7	3.7	3.7	3.7
82.5°	22.0	22.0	18.4	18.4	14.7	11.0	7.3	7.3	7.3	3.7	3.7
80°	33.1	33.1	33.1	29.4	25.7	18.4	14.7	11.0	7.3	3.7	3.7
77.5°	40.4	36.7	36.7	33.1	33.1	29.4	22.0	18.4	11.0	7.3	3.7
75°	40.4	40.4	40.4	36.7	36.7	33.1	29.4	22.0	18.4	11.0	7.3
72.5°	44.1	40.4	40.4	40.4	36.7	33.1	29.4	25.7	22.0	14.7	7.3
70°	40.4	40.4	40.4	40.4	36.7	36.7	29.4	25.7	25.7	14.7	11.0
67.5°	40.4	40.4	40.4	36.7	36.7	33.1	29.4	25.7	25.7	18.4	11.0
65°	44.1	40.4	40.4	40.4	36.7	33.1	29.4	25.7	25.7	22.0	14.7
62.5°	47.8	44.1	44.1	40.4	36.7	33.1	29.4	25.7	25.7	22.0	14.7
60°	51.4	47.8	44.1	44.1	40.4	36.7	29.4	29.4	25.7	22.0	14.7
57.5°	55.1	51.4	51.4	47.8	44.1	40.4	33.1	29.4	25.7	22.0	18.4
55°	66.1	58.8	55.1	55.1	51.4	44.1	36.7	29.4	25.7	22.0	18.4
52.5°	88.2	69.8	62.5	62.5	58.8	51.4	40.4	33.1	25.7	22.0	18.4
50°	139.6	88.2	73.5	66.1	66.1	58.8	47.8	36.7	25.7	22.0	18.4
47.5°	220.5	147.0	88.2	77.2	73.5	69.8	55.1	36.7	29.4	22.0	18.4
45°	363.8	216.8	143.3	91.9	77.2	73.5	62.5	40.4	29.4	25.7	18.4
42.5°	499.7	338.1	220.5	110.2	91.9	80.8	66.1	44.1	33.1	25.7	18.4
40°	786.3	463.0	308.7	180.0	106.6	84.5	73.5	51.4	33.1	25.7	18.4
37.5°	1065.6	613.6	415.2	264.6	121.3	95.5	77.2	55.1	36.7	25.7	22.0
35°	1344.9	859.8	514.4	352.7	161.7	113.9	80.8	58.8	36.7	25.7	22.0
32.5°	1594.7	1091.3	617.3	440.9	242.5	136.0	88.2	62.5	40.4	29.4	22.0
30°	1800.5	1304.4	801.0	518.1	316.0	165.4	95.5	62.5	44.1	29.4	22.0
27.5°	1954.8	1469.8	988.4	598.9	378.5	194.7	110.2	69.8	44.1	29.4	22.0
25°	2079.8	1598.4	1153.8	683.5	433.6	242.5	132.3	73.5	47.8	33.1	22.0
22.5°	2179.0	1705.0	1289.7	797.4	499.7	290.3	161.7	80.8	47.8	33.1	22.0
20°	2314.9	1811.5	1381.6	918.6	569.5	334.4	187.4	88.2	47.8	33.1	25.7
17.5°	2432.5	1918.1	1455.1	1021.5	639.4	367.4	216.8	95.5	51.4	33.1	25.7
15°	2568.5	2021.0	1521.2	1102.3	705.5	396.8	242.5	102.9	51.4	36.7	25.7
12.5°	2715.4	2116.5	1569.0	1168.5	775.3	422.6	264.6	117.6	55.1	36.7	25.7
10°	2866.1	2197.3	1609.4	1216.2	826.8	448.3	279.3	132.3	58.8	36.7	25.7
7.5°	3016.7	2270.8	1660.9	1238.3	848.8	477.7	286.6	147.0	58.8	40.4	25.7
5°	3119.6	2318.6	1734.3	1253.0	859.8	510.8	297.6	165.4	62.5	40.4	25.7
2.5°	3207.8	2348.0	1811.5	1264.0	863.5	529.1	294.0	176.4	66.1	40.4	25.7
0°	3248.2	2348.0	1863.0	1256.7	852.5	547.5	294.0	187.4	66.1	40.4	25.7
-2.5°	3185.8	2414.1	1848.3	1260.3	856.2	547.5	308.7	191.1	73.5	44.1	25.7
-5°	3086.6	2439.8	1804.2	1242.0	848.8	547.5	327.0	194.7	77.2	44.1	29.4
-7.5°	2991.0	2450.9	1752.7	1223.6	837.8	532.8	330.7	191.1	84.5	47.8	29.4
-10°	2866.1	2329.6	1686.6	1190.5	815.7	521.8	338.1	191.1	88.2	47.8	29.4
-12.5°	2722.8	2182.6	1605.7	1142.8	790.0	510.8	341.7	191.1	91.9	51.4	29.4
-15°	2557.4	2032.0	1513.9	1091.3	753.3	496.1	334.4	187.4	95.5	51.4	33.1
-17.5°	2370.0	1885.0	1418.3	1028.9	712.8	477.7	319.7	183.7	95.5	51.4	33.1
-20°	2156.9	1738.0	1311.8	966.4	665.1	455.6	305.0	176.4	95.5	51.4	33.1



REPORT NUMBER: P722404

CATALOG NUMBER: IFLD-S-SA6A-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°	1965.8	1602.1	1201.6	896.6	613.6	429.9	286.6	169.0	95.5	55.1	33.1
-25°	1807.8	1469.8	1117.0	826.8	558.5	400.5	268.2	161.7	95.5	55.1	33.1
-27.5°	1642.5	1326.5	1028.9	760.6	521.8	374.8	249.9	154.3	91.9	55.1	33.1
-30°	1473.5	1186.9	937.0	687.1	485.0	349.1	235.2	143.3	91.9	55.1	33.1
-32.5°	1319.1	1072.9	852.5	613.6	444.6	323.4	220.5	139.6	88.2	55.1	33.1
-35°	1168.5	970.1	764.3	554.8	400.5	297.6	205.8	136.0	88.2	55.1	33.1
-37.5°	1043.5	874.5	683.5	514.4	374.8	275.6	191.1	128.6	84.5	55.1	33.1
-40°	940.7	786.3	606.3	470.3	352.7	253.5	176.4	124.9	84.5	55.1	33.1
-42.5°	845.1	701.8	558.5	433.6	330.7	238.8	165.4	121.3	80.8	55.1	33.1
-45°	760.6	628.3	510.8	400.5	305.0	220.5	158.0	113.9	77.2	55.1	36.7
-47.5°	676.1	576.9	466.7	371.1	279.3	198.4	150.7	110.2	73.5	51.4	36.7
-50°	610.0	521.8	429.9	338.1	253.5	191.1	143.3	102.9	73.5	51.4	36.7
-52.5°	551.2	470.3	389.5	305.0	231.5	180.0	136.0	95.5	69.8	51.4	36.7
-55°	496.1	422.6	349.1	271.9	216.8	169.0	124.9	88.2	69.8	51.4	36.7
-57.5°	440.9	378.5	308.7	246.2	198.4	158.0	117.6	88.2	69.8	51.4	36.7
-60°	396.8	338.1	279.3	227.8	183.7	143.3	106.6	84.5	66.1	51.4	36.7
-62.5°	360.1	305.0	253.5	205.8	169.0	128.6	102.9	84.5	66.1	51.4	33.1
-65°	323.4	275.6	227.8	187.4	150.7	121.3	99.2	80.8	66.1	51.4	33.1
-67.5°	286.6	242.5	205.8	165.4	139.6	117.6	95.5	80.8	62.5	47.8	33.1
-70°	249.9	213.1	180.0	154.3	132.3	110.2	91.9	77.2	62.5	44.1	29.4
-72.5°	220.5	187.4	161.7	143.3	124.9	106.6	88.2	73.5	58.8	40.4	25.7
-75°	187.4	165.4	147.0	128.6	113.9	99.2	84.5	66.1	51.4	36.7	25.7
-77.5°	158.0	143.3	128.6	117.6	102.9	88.2	73.5	58.8	47.8	33.1	22.0
-80°	136.0	124.9	113.9	102.9	91.9	77.2	66.1	51.4	40.4	29.4	18.4
-82.5°	110.2	102.9	91.9	84.5	77.2	66.1	55.1	44.1	29.4	22.0	14.7
-85°	84.5	77.2	73.5	66.1	58.8	47.8	36.7	29.4	22.0	14.7	7.3
-87.5°	44.1	40.4	36.7	33.1	29.4	22.0	18.4	14.7	11.0	7.3	3.7
-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: P722404

CATALOG NUMBER: IFLD-S-SA6A-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°	3.7	0.0	0.0	0.0
77.5°	3.7	0.0	0.0	0.0
75°	3.7	3.7	0.0	0.0
72.5°	3.7	3.7	0.0	0.0
70°	3.7	3.7	0.0	0.0
67.5°	7.3	3.7	0.0	0.0
65°	7.3	3.7	0.0	0.0
62.5°	7.3	3.7	0.0	0.0
60°	7.3	3.7	0.0	0.0
57.5°	11.0	3.7	3.7	0.0
55°	11.0	3.7	3.7	0.0
52.5°	11.0	3.7	3.7	0.0
50°	11.0	7.3	3.7	0.0
47.5°	11.0	7.3	3.7	0.0
45°	11.0	7.3	3.7	0.0
42.5°	11.0	7.3	3.7	0.0
40°	14.7	7.3	3.7	0.0
37.5°	14.7	7.3	3.7	0.0
35°	14.7	7.3	3.7	0.0
32.5°	14.7	7.3	3.7	0.0
30°	14.7	7.3	3.7	0.0
27.5°	14.7	11.0	3.7	0.0
25°	14.7	11.0	3.7	0.0
22.5°	18.4	11.0	3.7	0.0
20°	18.4	11.0	3.7	0.0
17.5°	18.4	11.0	3.7	0.0
15°	18.4	11.0	3.7	0.0
12.5°	18.4	11.0	3.7	0.0
10°	18.4	11.0	3.7	0.0
7.5°	18.4	11.0	3.7	0.0
5°	18.4	11.0	3.7	0.0
2.5°	18.4	11.0	3.7	0.0
0°	18.4	11.0	3.7	0.0
-2.5°	18.4	11.0	3.7	0.0
-5°	18.4	11.0	3.7	0.0
-7.5°	18.4	11.0	3.7	0.0
-10°	18.4	11.0	3.7	0.0
-12.5°	22.0	11.0	3.7	0.0
-15°	22.0	11.0	3.7	0.0
-17.5°	22.0	11.0	3.7	0.0
-20°	22.0	11.0	3.7	0.0

REPORT NUMBER: P722404

CATALOG NUMBER: IFLD-S-SA6A-727-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	22.0	11.0	3.7	0.0
-25°	22.0	11.0	3.7	0.0
-27.5°	22.0	11.0	3.7	0.0
-30°	22.0	11.0	3.7	0.0
-32.5°	22.0	11.0	3.7	0.0
-35°	22.0	11.0	3.7	0.0
-37.5°	22.0	11.0	3.7	0.0
-40°	22.0	11.0	3.7	0.0
-42.5°	18.4	11.0	3.7	0.0
-45°	22.0	11.0	3.7	0.0
-47.5°	22.0	11.0	3.7	0.0
-50°	22.0	11.0	3.7	0.0
-52.5°	22.0	11.0	3.7	0.0
-55°	22.0	11.0	3.7	0.0
-57.5°	22.0	11.0	3.7	0.0
-60°	22.0	11.0	3.7	0.0
-62.5°	18.4	11.0	3.7	0.0
-65°	18.4	7.3	3.7	0.0
-67.5°	18.4	7.3	3.7	0.0
-70°	18.4	7.3	3.7	0.0
-72.5°	14.7	7.3	3.7	0.0
-75°	14.7	7.3	3.7	0.0
-77.5°	11.0	3.7	0.0	0.0
-80°	11.0	3.7	0.0	0.0
-82.5°	7.3	3.7	0.0	0.0
-85°	3.7	3.7	0.0	0.0
-87.5°	3.7	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)