

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: P722433

Luminaire Tested: **IFLD-S-SA6A-730-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722433
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA6A-730-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (96) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	25130.7 lumens	Max Intensity:	17544.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	132.5 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:	16032.3 lumens	Field Lumens:	23692.7 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

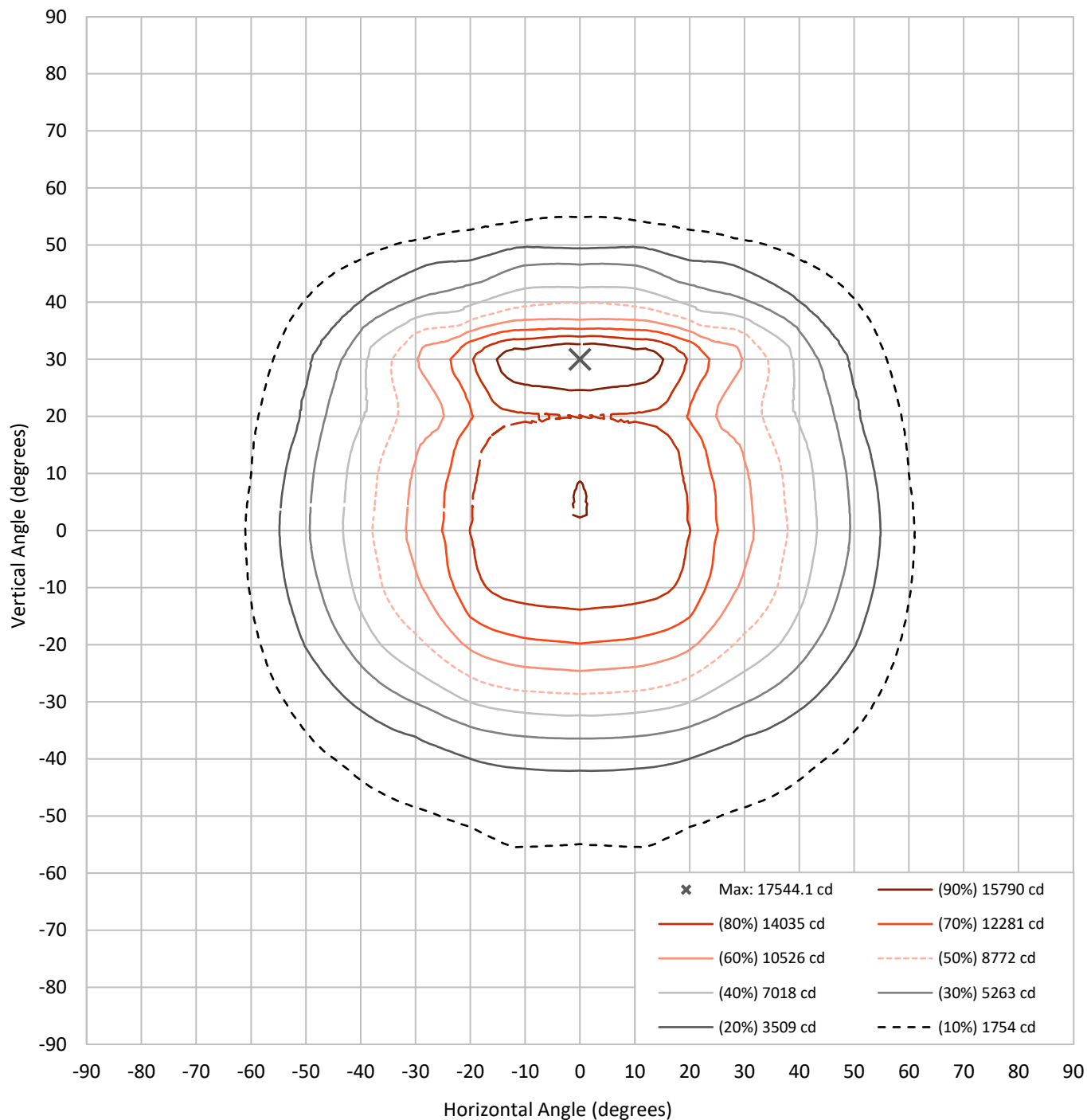
Input Watts (W): 189.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



REPORT NUMBER: P722433

CATALOG NUMBER: IFLD-S-SA6A-730-U-76-VI

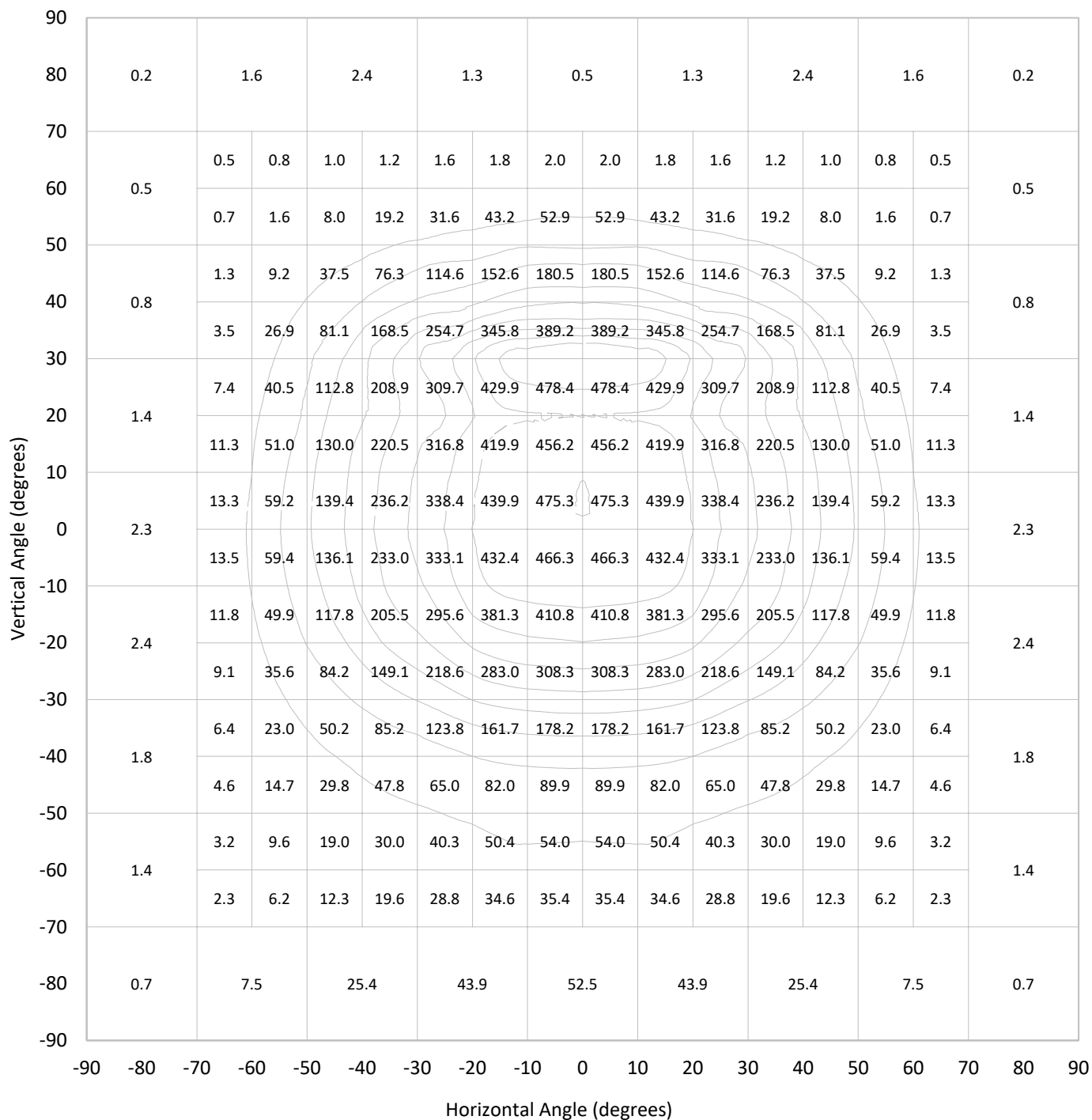
Iso-Candela Plot



REPORT NUMBER: P722433

CATALOG NUMBER: IFLD-S-SA6A-730-U-76-VI

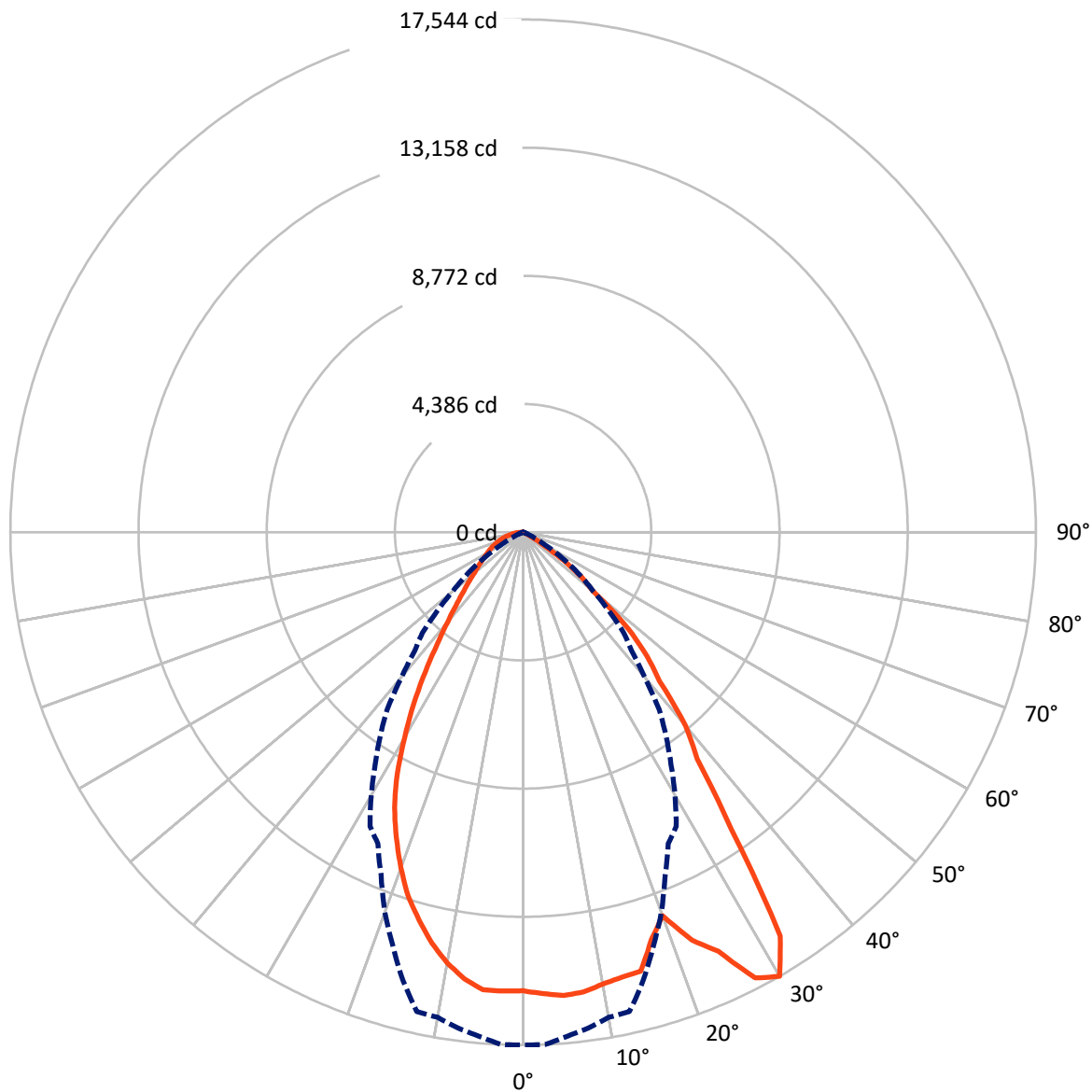
Lumen Table



REPORT NUMBER: P722433

CATALOG NUMBER: IFLD-S-SA6A-730-U-76-VI

Luminous Intensity Polar Plot



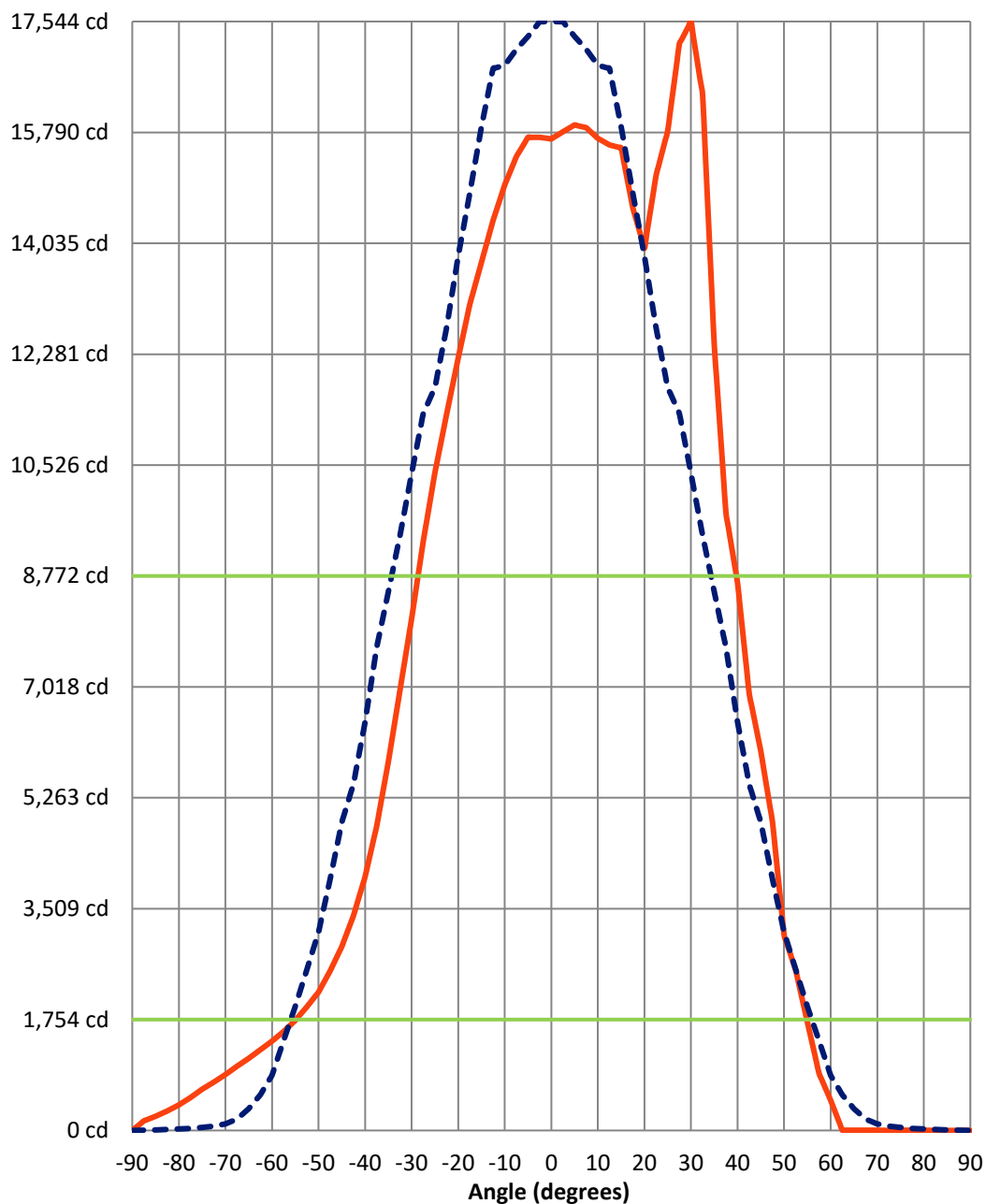
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

REPORT NUMBER: P722433

CATALOG NUMBER: IFLD-S-SA6A-730-U-76-VI

Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 16032.3

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 23692.7

Efficiency: 94.3%

Spill:

Lumens: 1438.1

Efficiency: 5.7%

— Vertical Distribution through 0-Deg

- - - Horizontal Distribution through 30-Deg

REPORT NUMBER: P722433

CATALOG NUMBER: IFLD-S-SA6A-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	4.0	4.0	4.0	4.0	4.0	4.0	4.0
85°	0.0	4.0	4.0	4.0	8.0	8.0	8.0	8.0	8.0	8.0	12.0
82.5°	0.0	4.0	4.0	4.0	8.0	8.0	8.0	8.0	12.0	12.0	16.0
80°	4.0	4.0	4.0	4.0	8.0	8.0	8.0	12.0	12.0	16.0	16.0
77.5°	4.0	4.0	4.0	8.0	8.0	8.0	12.0	12.0	16.0	16.0	20.0
75°	4.0	4.0	4.0	8.0	8.0	12.0	12.0	12.0	16.0	16.0	20.0
72.5°	0.0	4.0	4.0	8.0	8.0	12.0	12.0	12.0	16.0	16.0	16.0
70°	4.0	4.0	4.0	8.0	8.0	12.0	12.0	12.0	16.0	16.0	16.0
67.5°	4.0	4.0	4.0	8.0	8.0	12.0	12.0	16.0	16.0	16.0	20.0
65°	4.0	4.0	4.0	8.0	12.0	12.0	16.0	20.0	20.0	24.0	28.0
62.5°	4.0	8.0	8.0	12.0	16.0	20.0	44.0	68.0	68.0	48.0	40.0
60°	476.1	516.1	512.1	464.1	404.1	340.1	328.1	316.1	292.1	256.1	268.1
57.5°	904.2	952.2	972.2	960.2	928.2	872.2	840.2	804.2	756.2	700.2	636.1
55°	1712.4	1732.4	1688.4	1604.4	1512.3	1420.3	1388.3	1340.3	1268.3	1196.3	1100.3
52.5°	2532.6	2600.6	2580.6	2496.6	2372.5	2208.5	2028.5	1888.4	1804.4	1724.4	1628.4
50°	3092.7	3120.7	3176.7	3276.8	3312.8	3200.7	2908.7	2532.6	2264.5	2400.6	2296.5
47.5°	4881.1	5021.2	4993.2	4921.1	4801.1	4497.0	4088.9	3752.9	3472.8	3380.8	3396.8
45°	5997.4	6053.4	6033.4	6001.4	5945.4	5661.3	5209.2	4693.1	4433.0	4329.0	4221.0
42.5°	6913.6	6973.6	6985.6	6989.6	6929.6	6669.5	6261.4	5745.3	5485.3	5185.2	4949.1
40°	8662.0	8750.0	8650.0	8518.0	8317.9	8021.9	7621.8	7145.7	6685.5	6317.5	6037.4
37.5°	9778.3	9886.3	9926.3	9918.3	9874.3	9746.3	9254.1	8802.0	8097.9	7273.7	7421.7
35°	12426.9	12538.9	12506.9	12386.9	12322.8	12186.8	11706.7	11170.6	10286.4	9390.2	9150.1
32.5°	16375.8	16619.8	16163.7	15663.6	15355.5	15463.6	14975.5	13663.2	13255.1	11638.7	10890.5
30°	17544.1	17540.1	17308.0	17103.9	16851.9	16799.9	15879.7	14831.4	13831.2	12698.9	11754.7
27.5°	17188.0	17116.0	16919.9	16771.9	16535.8	16411.8	15511.6	14679.4	13523.1	12510.9	11598.7
25°	15815.7	15871.7	15671.6	15643.6	15551.6	15311.5	14863.4	13927.2	12895.0	11774.7	11118.6
22.5°	15107.5	15087.5	14847.4	14707.4	14819.4	14563.4	14383.3	13439.1	12362.9	11418.6	10630.5
20°	13955.2	13959.2	13899.2	13887.2	13819.2	13703.2	13559.1	12891.0	12130.8	11322.6	10374.4
17.5°	14599.4	14763.4	14835.4	14239.3	14407.3	14275.3	14123.3	13191.0	12618.9	11902.7	10666.5
15°	15543.6	15483.6	15411.6	15379.6	15287.5	15163.5	14887.4	14143.3	13159.0	12418.9	11454.6
12.5°	15591.6	15475.6	15447.6	15443.6	15347.5	15175.5	14907.4	14291.3	13419.1	12518.9	11734.7
10°	15695.6	15575.6	15559.6	15579.6	15431.6	15323.5	15055.5	14483.3	13499.1	12690.9	11950.8
7.5°	15863.7	15663.6	15755.6	15695.6	15627.6	15455.6	15167.5	14607.4	13791.2	12919.0	12142.8
5°	15907.7	15687.6	15787.6	15731.6	15631.6	15463.6	15151.5	14687.4	13971.2	13011.0	12218.8
2.5°	15799.6	15735.6	15691.6	15587.6	15543.6	15359.5	15063.5	14567.4	13887.2	12971.0	12202.8
0°	15687.6	15743.6	15643.6	15539.6	15519.6	15371.5	15119.5	14671.4	14083.3	13083.0	12338.8
-2.5°	15711.6	15667.6	15599.6	15491.6	15387.6	15175.5	14947.5	14527.4	13895.2	12839.0	12146.8
-5°	15711.6	15507.6	15515.6	15519.6	15415.6	15195.5	14919.4	14563.4	13783.2	12835.0	12090.8
-7.5°	15407.6	15231.5	15203.5	15179.5	15151.5	14947.5	14731.4	14287.3	13595.1	12730.9	11934.8
-10°	14959.5	14787.4	14803.4	14767.4	14679.4	14543.4	14379.3	13979.2	13411.1	12402.9	11618.7
-12.5°	14399.3	14323.3	14279.3	14219.3	14131.3	14011.2	13843.2	13467.1	12859.0	11998.8	11254.6
-15°	13735.2	13679.2	13639.1	13603.1	13475.1	13351.1	13131.0	12783.0	12402.9	11478.7	10718.5
-17.5°	13071.0	12931.0	12875.0	12827.0	12742.9	12542.9	12342.9	12082.8	11550.7	10818.5	10166.3
-20°	12218.8	12134.8	12066.8	12002.8	11882.7	11726.7	11562.7	11262.6	10802.5	10210.4	9534.2

REPORT NUMBER: P722433

CATALOG NUMBER: IFLD-S-SA6A-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°	11326.6	11278.6	11222.6	11142.6	11062.6	10914.5	10686.5	10398.4	10038.3	9398.2	8766.0
-25°	10406.4	10314.4	10246.4	10170.3	10106.3	9970.3	9750.3	9474.2	9022.1	8470.0	7941.8
-27.5°	9322.2	9234.1	9198.1	9110.1	9054.1	8930.1	8710.0	8454.0	8045.9	7581.8	7045.6
-30°	8097.9	8113.9	8073.9	7989.8	7921.8	7761.8	7593.8	7377.7	7057.6	6613.5	6133.4
-32.5°	6965.6	6985.6	6937.6	6849.6	6761.6	6645.5	6489.5	6293.5	6053.4	5629.3	5213.2
-35°	5833.3	5825.3	5785.3	5733.3	5673.3	5577.3	5401.2	5253.2	4977.1	4681.1	4393.0
-37.5°	4817.1	4837.1	4825.1	4797.1	4729.1	4649.1	4505.0	4369.0	4165.0	3904.9	3680.9
-40°	4012.9	4036.9	4020.9	3992.9	3932.9	3884.9	3788.9	3668.8	3504.8	3280.8	3092.7
-42.5°	3396.8	3412.8	3392.8	3368.8	3316.8	3280.8	3204.7	3104.7	2968.7	2796.6	2628.6
-45°	2908.7	2912.7	2892.7	2876.7	2836.7	2792.6	2728.6	2648.6	2540.6	2420.6	2284.5
-47.5°	2524.6	2520.6	2500.6	2484.6	2452.6	2412.6	2360.5	2288.5	2204.5	2112.5	2004.5
-50°	2188.5	2208.5	2200.5	2184.5	2160.5	2132.5	2080.5	2004.5	1920.4	1852.4	1776.4
-52.5°	1956.5	1960.5	1956.5	1956.5	1952.5	1932.4	1872.4	1796.4	1704.4	1644.4	1580.4
-55°	1740.4	1760.4	1768.4	1776.4	1780.4	1780.4	1708.4	1628.4	1540.4	1480.3	1432.3
-57.5°	1564.4	1576.4	1584.4	1604.4	1620.4	1632.4	1568.4	1496.3	1428.3	1372.3	1328.3
-60°	1412.3	1428.3	1440.3	1460.3	1472.3	1480.3	1440.3	1392.3	1352.3	1316.3	1252.3
-62.5°	1276.3	1288.3	1300.3	1312.3	1324.3	1332.3	1316.3	1292.3	1272.3	1256.3	1176.3
-65°	1140.3	1152.3	1164.3	1180.3	1192.3	1200.3	1196.3	1180.3	1164.3	1148.3	1076.2
-67.5°	1016.2	1028.2	1044.2	1048.2	1056.2	1060.2	1052.2	1040.2	1020.2	1000.2	944.2
-70°	884.2	892.2	900.2	900.2	900.2	896.2	888.2	872.2	852.2	824.2	780.2
-72.5°	764.2	772.2	780.2	768.2	760.2	748.2	736.2	716.2	696.2	676.2	652.2
-75°	652.2	656.2	656.2	640.1	628.1	616.1	600.1	588.1	568.1	552.1	532.1
-77.5°	520.1	520.1	520.1	508.1	500.1	492.1	480.1	468.1	452.1	440.1	424.1
-80°	404.1	404.1	404.1	400.1	388.1	380.1	372.1	364.1	352.1	344.1	336.1
-82.5°	308.1	308.1	308.1	304.1	296.1	292.1	284.1	276.1	272.1	264.1	260.1
-85°	224.1	228.1	228.1	224.1	220.1	212.0	208.0	204.0	200.0	196.0	188.0
-87.5°	152.0	152.0	152.0	148.0	144.0	144.0	140.0	132.0	124.0	120.0	116.0
-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: P722433

CATALOG NUMBER: IFLD-S-SA6A-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°	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
85°	12.0	12.0	12.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	12.0
82.5°	20.0	20.0	24.0	24.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0
80°	20.0	24.0	28.0	32.0	36.0	40.0	40.0	40.0	40.0	36.0	36.0
77.5°	24.0	24.0	28.0	32.0	36.0	40.0	44.0	48.0	44.0	44.0	44.0
75°	24.0	28.0	28.0	32.0	36.0	40.0	44.0	48.0	48.0	48.0	48.0
72.5°	20.0	24.0	28.0	32.0	32.0	36.0	40.0	40.0	44.0	44.0	48.0
70°	20.0	24.0	28.0	28.0	32.0	32.0	36.0	40.0	40.0	44.0	44.0
67.5°	24.0	28.0	28.0	32.0	36.0	36.0	36.0	40.0	40.0	44.0	44.0
65°	28.0	32.0	32.0	36.0	40.0	40.0	44.0	44.0	44.0	48.0	48.0
62.5°	48.0	48.0	48.0	44.0	48.0	48.0	48.0	52.0	52.0	48.0	52.0
60°	248.1	180.0	124.0	156.0	140.0	64.0	64.0	64.0	60.0	60.0	56.0
57.5°	584.1	544.1	468.1	396.1	356.1	316.1	196.0	80.0	80.0	72.0	64.0
55°	976.2	844.2	788.2	692.2	588.1	540.1	448.1	304.1	144.0	96.0	84.0
52.5°	1512.3	1388.3	1244.3	1048.2	908.2	796.2	720.2	572.1	384.1	204.0	128.0
50°	2024.5	1968.5	1880.4	1688.4	1396.3	1208.3	1084.3	916.2	688.2	420.1	240.1
47.5°	3260.8	2792.6	2508.6	2360.5	2116.5	1760.4	1520.4	1332.3	1056.2	708.2	424.1
45°	4104.9	3808.9	3356.8	3044.7	2684.6	2308.5	1996.5	1780.4	1452.3	1060.2	664.2
42.5°	4829.1	4573.1	4165.0	3708.9	3328.8	2836.7	2436.6	2152.5	1876.4	1448.3	992.2
40°	5761.3	5457.3	5065.2	4621.1	4177.0	3548.8	2900.7	2556.6	2252.5	1872.4	1340.3
37.5°	7297.7	6761.6	6121.4	5629.3	5049.2	4517.0	3628.8	3020.7	2660.6	2264.5	1748.4
35°	9146.1	8558.0	7489.7	6837.6	6061.4	5269.2	4469.0	3568.8	3056.7	2636.6	2124.5
32.5°	10866.5	10006.3	8638.0	7873.8	7357.7	5897.4	5069.2	4289.0	3464.8	2948.7	2340.5
30°	11342.6	10394.4	9414.2	8522.0	7641.8	6461.5	5481.3	4873.1	3976.9	3136.7	2544.6
27.5°	10862.5	10210.4	9450.2	8622.0	7669.8	6657.5	5733.3	5153.2	4353.0	3264.8	2704.6
25°	10374.4	9694.2	9162.1	8470.0	7589.8	6645.5	5741.3	5329.2	4645.1	3512.8	2792.6
22.5°	9858.3	9434.2	8994.1	8221.9	7389.7	6681.5	6001.4	5481.3	4797.1	3792.9	2828.7
20°	9886.3	9610.2	9126.1	8093.9	7353.7	6893.6	6313.5	5673.3	4961.1	4036.9	2856.7
17.5°	10334.4	9974.3	9366.2	8470.0	7677.8	7109.6	6573.5	5937.4	5129.2	4253.0	3196.7
15°	10886.5	10338.4	9702.2	8914.1	8017.9	7345.7	6773.6	6121.4	5321.2	4453.0	3500.8
12.5°	11286.6	10506.4	9910.3	9198.1	8385.9	7601.8	6905.6	6261.4	5501.3	4617.1	3728.9
10°	11422.6	10714.5	10010.3	9374.2	8574.0	7737.8	7005.6	6349.5	5657.3	4745.1	3896.9
7.5°	11494.7	10894.5	10078.3	9454.2	8686.0	7821.8	7085.6	6397.5	5781.3	4833.1	4004.9
5°	11486.7	10990.5	10130.3	9478.2	8746.0	7857.8	7141.6	6409.5	5869.4	4909.1	4068.9
2.5°	11450.6	11054.6	10214.4	9518.2	8866.0	7925.8	7249.7	6433.5	5901.4	4993.2	4112.9
0°	11582.7	11058.6	10302.4	9530.2	8946.1	7949.8	7297.7	6413.5	5857.4	5017.2	4108.9
-2.5°	11298.6	10822.5	10282.4	9426.2	8838.0	7893.8	7209.7	6349.5	5761.3	4989.2	4092.9
-5°	11250.6	10650.5	10114.3	9330.2	8658.0	7777.8	7045.6	6229.4	5609.3	4897.1	4028.9
-7.5°	11122.6	10486.4	9950.3	9254.1	8490.0	7657.8	6889.6	6105.4	5445.3	4753.1	3936.9
-10°	10842.5	10234.4	9774.3	9090.1	8285.9	7485.7	6701.5	5941.4	5253.2	4557.1	3792.9
-12.5°	10442.4	9834.3	9378.2	8742.0	8029.9	7253.7	6477.5	5729.3	5033.2	4349.0	3620.8
-15°	9990.3	9374.2	8918.1	8337.9	7649.8	6893.6	6193.4	5461.3	4781.1	4129.0	3416.8
-17.5°	9478.2	8894.1	8454.0	7889.8	7205.7	6485.5	5789.3	5125.2	4489.0	3900.9	3180.7
-20°	8886.1	8317.9	7913.8	7349.7	6721.6	6021.4	5345.2	4717.1	4145.0	3592.8	2920.7

REPORT NUMBER: P722433

CATALOG NUMBER: IFLD-S-SA6A-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°	8153.9	7653.8	7193.7	6689.5	6141.4	5501.3	4873.1	4317.0	3768.9	3228.7	2652.6
-25°	7405.7	6921.6	6473.5	6013.4	5489.3	4937.1	4401.0	3896.9	3360.8	2872.7	2392.6
-27.5°	6573.5	6141.4	5741.3	5317.2	4837.1	4361.0	3920.9	3428.8	2964.7	2548.6	2136.5
-30°	5685.3	5333.2	4985.2	4609.1	4221.0	3820.9	3428.8	2964.7	2600.6	2268.5	1920.4
-32.5°	4833.1	4517.0	4237.0	3956.9	3620.8	3292.8	2944.7	2600.6	2296.5	2004.5	1712.4
-35°	4084.9	3748.9	3592.8	3368.8	3100.7	2804.6	2520.6	2280.5	2036.5	1772.4	1512.3
-37.5°	3436.8	3220.7	3036.7	2868.7	2656.6	2400.6	2196.5	2000.5	1796.4	1556.4	1332.3
-40°	2928.7	2772.6	2588.6	2464.6	2292.5	2108.5	1904.4	1740.4	1568.4	1372.3	1188.3
-42.5°	2520.6	2392.6	2272.5	2140.5	2012.5	1856.4	1680.4	1524.4	1368.3	1224.3	1072.2
-45°	2184.5	2092.5	1996.5	1888.4	1776.4	1640.4	1496.3	1336.3	1224.3	1096.3	968.2
-47.5°	1908.4	1840.4	1760.4	1676.4	1580.4	1460.3	1328.3	1212.3	1096.3	988.2	864.2
-50°	1688.4	1624.4	1560.4	1488.3	1404.3	1300.3	1200.3	1092.3	984.2	880.2	764.2
-52.5°	1504.3	1448.3	1396.3	1336.3	1256.3	1168.3	1076.2	980.2	880.2	776.2	684.2
-55°	1376.3	1312.3	1260.3	1200.3	1128.3	1044.2	960.2	872.2	776.2	696.2	620.1
-57.5°	1272.3	1200.3	1140.3	1076.2	1004.2	932.2	856.2	776.2	704.2	628.1	556.1
-60°	1184.3	1100.3	1032.2	968.2	900.2	832.2	768.2	700.2	632.1	564.1	492.1
-62.5°	1092.3	1004.2	920.2	860.2	808.2	748.2	692.2	628.1	568.1	500.1	448.1
-65°	988.2	904.2	824.2	772.2	724.2	672.2	620.1	564.1	512.1	460.1	412.1
-67.5°	872.2	800.2	744.2	696.2	648.1	604.1	556.1	508.1	464.1	412.1	364.1
-70°	732.2	692.2	660.2	624.1	580.1	540.1	496.1	452.1	404.1	360.1	316.1
-72.5°	624.1	600.1	576.1	540.1	500.1	464.1	428.1	388.1	348.1	308.1	272.1
-75°	512.1	492.1	472.1	448.1	416.1	388.1	356.1	320.1	288.1	260.1	232.1
-77.5°	412.1	396.1	384.1	364.1	340.1	316.1	296.1	272.1	248.1	220.1	192.0
-80°	328.1	320.1	316.1	308.1	288.1	268.1	252.1	232.1	208.0	188.0	168.0
-82.5°	256.1	256.1	252.1	248.1	232.1	216.0	204.0	188.0	172.0	156.0	136.0
-85°	188.0	184.0	184.0	180.0	168.0	160.0	148.0	140.0	128.0	112.0	104.0
-87.5°	112.0	108.0	104.0	100.0	92.0	88.0	80.0	76.0	68.0	60.0	56.0
-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: P722433

CATALOG NUMBER: IFLD-S-SA6A-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°	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	0.0	0.0
85°	12.0	8.0	8.0	8.0	8.0	8.0	4.0	4.0	4.0	4.0	4.0
82.5°	24.0	24.0	20.0	20.0	16.0	12.0	8.0	8.0	8.0	4.0	4.0
80°	36.0	36.0	36.0	32.0	28.0	20.0	16.0	12.0	8.0	4.0	4.0
77.5°	44.0	40.0	40.0	36.0	36.0	32.0	24.0	20.0	12.0	8.0	4.0
75°	44.0	44.0	44.0	40.0	40.0	36.0	32.0	24.0	20.0	12.0	8.0
72.5°	48.0	44.0	44.0	44.0	40.0	36.0	32.0	28.0	24.0	16.0	8.0
70°	44.0	44.0	44.0	44.0	40.0	40.0	32.0	28.0	28.0	16.0	12.0
67.5°	44.0	44.0	44.0	40.0	40.0	36.0	32.0	28.0	28.0	20.0	12.0
65°	48.0	44.0	44.0	44.0	40.0	36.0	32.0	28.0	28.0	24.0	16.0
62.5°	52.0	48.0	48.0	44.0	40.0	36.0	32.0	28.0	28.0	24.0	16.0
60°	56.0	52.0	48.0	48.0	44.0	40.0	32.0	32.0	28.0	24.0	16.0
57.5°	60.0	56.0	56.0	52.0	48.0	44.0	36.0	32.0	28.0	24.0	20.0
55°	72.0	64.0	60.0	60.0	56.0	48.0	40.0	32.0	28.0	24.0	20.0
52.5°	96.0	76.0	68.0	68.0	64.0	56.0	44.0	36.0	28.0	24.0	20.0
50°	152.0	96.0	80.0	72.0	72.0	64.0	52.0	40.0	28.0	24.0	20.0
47.5°	240.1	160.0	96.0	84.0	80.0	76.0	60.0	40.0	32.0	24.0	20.0
45°	396.1	236.1	156.0	100.0	84.0	80.0	68.0	44.0	32.0	28.0	20.0
42.5°	544.1	368.1	240.1	120.0	100.0	88.0	72.0	48.0	36.0	28.0	20.0
40°	856.2	504.1	336.1	196.0	116.0	92.0	80.0	56.0	36.0	28.0	20.0
37.5°	1160.3	668.2	452.1	288.1	132.0	104.0	84.0	60.0	40.0	28.0	24.0
35°	1464.3	936.2	560.1	384.1	176.0	124.0	88.0	64.0	40.0	28.0	24.0
32.5°	1736.4	1188.3	672.2	480.1	264.1	148.0	96.0	68.0	44.0	32.0	24.0
30°	1960.5	1420.3	872.2	564.1	344.1	180.0	104.0	68.0	48.0	32.0	24.0
27.5°	2128.5	1600.4	1076.2	652.2	412.1	212.0	120.0	76.0	48.0	32.0	24.0
25°	2264.5	1740.4	1256.3	744.2	472.1	264.1	144.0	80.0	52.0	36.0	24.0
22.5°	2372.5	1856.4	1404.3	868.2	544.1	316.1	176.0	88.0	52.0	36.0	24.0
20°	2520.6	1972.5	1504.3	1000.2	620.1	364.1	204.0	96.0	52.0	36.0	28.0
17.5°	2648.6	2088.5	1584.4	1112.3	696.2	400.1	236.1	104.0	56.0	36.0	28.0
15°	2796.6	2200.5	1656.4	1200.3	768.2	432.1	264.1	112.0	56.0	40.0	28.0
12.5°	2956.7	2304.5	1708.4	1272.3	844.2	460.1	288.1	128.0	60.0	40.0	28.0
10°	3120.7	2392.6	1752.4	1324.3	900.2	488.1	304.1	144.0	64.0	40.0	28.0
7.5°	3284.8	2472.6	1808.4	1348.3	924.2	520.1	312.1	160.0	64.0	44.0	28.0
5°	3396.8	2524.6	1888.4	1364.3	936.2	556.1	324.1	180.0	68.0	44.0	28.0
2.5°	3492.8	2556.6	1972.5	1376.3	940.2	576.1	320.1	192.0	72.0	44.0	28.0
0°	3536.8	2556.6	2028.5	1368.3	928.2	596.1	320.1	204.0	72.0	44.0	28.0
-2.5°	3468.8	2628.6	2012.5	1372.3	932.2	596.1	336.1	208.0	80.0	48.0	28.0
-5°	3360.8	2656.6	1964.5	1352.3	924.2	596.1	356.1	212.0	84.0	48.0	32.0
-7.5°	3256.8	2668.6	1908.4	1332.3	912.2	580.1	360.1	208.0	92.0	52.0	32.0
-10°	3120.7	2536.6	1836.4	1296.3	888.2	568.1	368.1	208.0	96.0	52.0	32.0
-12.5°	2964.7	2376.5	1748.4	1244.3	860.2	556.1	372.1	208.0	100.0	56.0	32.0
-15°	2784.6	2212.5	1648.4	1188.3	820.2	540.1	364.1	204.0	104.0	56.0	36.0
-17.5°	2580.6	2052.5	1544.4	1120.3	776.2	520.1	348.1	200.0	104.0	56.0	36.0
-20°	2348.5	1892.4	1428.3	1052.2	724.2	496.1	332.1	192.0	104.0	56.0	36.0

REPORT NUMBER: P722433

CATALOG NUMBER: IFLD-S-SA6A-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°	2140.5	1744.4	1308.3	976.2	668.2	468.1	312.1	184.0	104.0	60.0	36.0
-25°	1968.5	1600.4	1216.3	900.2	608.1	436.1	292.1	176.0	104.0	60.0	36.0
-27.5°	1788.4	1444.3	1120.3	828.2	568.1	408.1	272.1	168.0	100.0	60.0	36.0
-30°	1604.4	1292.3	1020.2	748.2	528.1	380.1	256.1	156.0	100.0	60.0	36.0
-32.5°	1436.3	1168.3	928.2	668.2	484.1	352.1	240.1	152.0	96.0	60.0	36.0
-35°	1272.3	1056.2	832.2	604.1	436.1	324.1	224.1	148.0	96.0	60.0	36.0
-37.5°	1136.3	952.2	744.2	560.1	408.1	300.1	208.0	140.0	92.0	60.0	36.0
-40°	1024.2	856.2	660.2	512.1	384.1	276.1	192.0	136.0	92.0	60.0	36.0
-42.5°	920.2	764.2	608.1	472.1	360.1	260.1	180.0	132.0	88.0	60.0	36.0
-45°	828.2	684.2	556.1	436.1	332.1	240.1	172.0	124.0	84.0	60.0	40.0
-47.5°	736.2	628.1	508.1	404.1	304.1	216.0	164.0	120.0	80.0	56.0	40.0
-50°	664.2	568.1	468.1	368.1	276.1	208.0	156.0	112.0	80.0	56.0	40.0
-52.5°	600.1	512.1	424.1	332.1	252.1	196.0	148.0	104.0	76.0	56.0	40.0
-55°	540.1	460.1	380.1	296.1	236.1	184.0	136.0	96.0	76.0	56.0	40.0
-57.5°	480.1	412.1	336.1	268.1	216.0	172.0	128.0	96.0	76.0	56.0	40.0
-60°	432.1	368.1	304.1	248.1	200.0	156.0	116.0	92.0	72.0	56.0	40.0
-62.5°	392.1	332.1	276.1	224.1	184.0	140.0	112.0	92.0	72.0	56.0	36.0
-65°	352.1	300.1	248.1	204.0	164.0	132.0	108.0	88.0	72.0	56.0	36.0
-67.5°	312.1	264.1	224.1	180.0	152.0	128.0	104.0	88.0	68.0	52.0	36.0
-70°	272.1	232.1	196.0	168.0	144.0	120.0	100.0	84.0	68.0	48.0	32.0
-72.5°	240.1	204.0	176.0	156.0	136.0	116.0	96.0	80.0	64.0	44.0	28.0
-75°	204.0	180.0	160.0	140.0	124.0	108.0	92.0	72.0	56.0	40.0	28.0
-77.5°	172.0	156.0	140.0	128.0	112.0	96.0	80.0	64.0	52.0	36.0	24.0
-80°	148.0	136.0	124.0	112.0	100.0	84.0	72.0	56.0	44.0	32.0	20.0
-82.5°	120.0	112.0	100.0	92.0	84.0	72.0	60.0	48.0	32.0	24.0	16.0
-85°	92.0	84.0	80.0	72.0	64.0	52.0	40.0	32.0	24.0	16.0	8.0
-87.5°	48.0	44.0	40.0	36.0	32.0	24.0	20.0	16.0	12.0	8.0	4.0
-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: P722433

CATALOG NUMBER: IFLD-S-SA6A-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°	4.0	0.0	0.0	0.0
77.5°	4.0	0.0	0.0	0.0
75°	4.0	4.0	0.0	0.0
72.5°	4.0	4.0	0.0	0.0
70°	4.0	4.0	0.0	0.0
67.5°	8.0	4.0	0.0	0.0
65°	8.0	4.0	0.0	0.0
62.5°	8.0	4.0	0.0	0.0
60°	8.0	4.0	0.0	0.0
57.5°	12.0	4.0	4.0	0.0
55°	12.0	4.0	4.0	0.0
52.5°	12.0	4.0	4.0	0.0
50°	12.0	8.0	4.0	0.0
47.5°	12.0	8.0	4.0	0.0
45°	12.0	8.0	4.0	0.0
42.5°	12.0	8.0	4.0	0.0
40°	16.0	8.0	4.0	0.0
37.5°	16.0	8.0	4.0	0.0
35°	16.0	8.0	4.0	0.0
32.5°	16.0	8.0	4.0	0.0
30°	16.0	8.0	4.0	0.0
27.5°	16.0	12.0	4.0	0.0
25°	16.0	12.0	4.0	0.0
22.5°	20.0	12.0	4.0	0.0
20°	20.0	12.0	4.0	0.0
17.5°	20.0	12.0	4.0	0.0
15°	20.0	12.0	4.0	0.0
12.5°	20.0	12.0	4.0	0.0
10°	20.0	12.0	4.0	0.0
7.5°	20.0	12.0	4.0	0.0
5°	20.0	12.0	4.0	0.0
2.5°	20.0	12.0	4.0	0.0
0°	20.0	12.0	4.0	0.0
-2.5°	20.0	12.0	4.0	0.0
-5°	20.0	12.0	4.0	0.0
-7.5°	20.0	12.0	4.0	0.0
-10°	20.0	12.0	4.0	0.0
-12.5°	24.0	12.0	4.0	0.0
-15°	24.0	12.0	4.0	0.0
-17.5°	24.0	12.0	4.0	0.0
-20°	24.0	12.0	4.0	0.0

REPORT NUMBER: P722433

CATALOG NUMBER: IFLD-S-SA6A-730-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	24.0	12.0	4.0	0.0
-25°	24.0	12.0	4.0	0.0
-27.5°	24.0	12.0	4.0	0.0
-30°	24.0	12.0	4.0	0.0
-32.5°	24.0	12.0	4.0	0.0
-35°	24.0	12.0	4.0	0.0
-37.5°	24.0	12.0	4.0	0.0
-40°	24.0	12.0	4.0	0.0
-42.5°	20.0	12.0	4.0	0.0
-45°	24.0	12.0	4.0	0.0
-47.5°	24.0	12.0	4.0	0.0
-50°	24.0	12.0	4.0	0.0
-52.5°	24.0	12.0	4.0	0.0
-55°	24.0	12.0	4.0	0.0
-57.5°	24.0	12.0	4.0	0.0
-60°	24.0	12.0	4.0	0.0
-62.5°	20.0	12.0	4.0	0.0
-65°	20.0	8.0	4.0	0.0
-67.5°	20.0	8.0	4.0	0.0
-70°	20.0	8.0	4.0	0.0
-72.5°	16.0	8.0	4.0	0.0
-75°	16.0	8.0	4.0	0.0
-77.5°	12.0	4.0	0.0	0.0
-80°	12.0	4.0	0.0	0.0
-82.5°	8.0	4.0	0.0	0.0
-85°	4.0	4.0	0.0	0.0
-87.5°	4.0	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)