

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: P722384

Luminaire Tested: **IFLD-M-SA4E-722-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722384
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-M-SA4E-722-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens with Visor
Light Source: (64) 2200K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

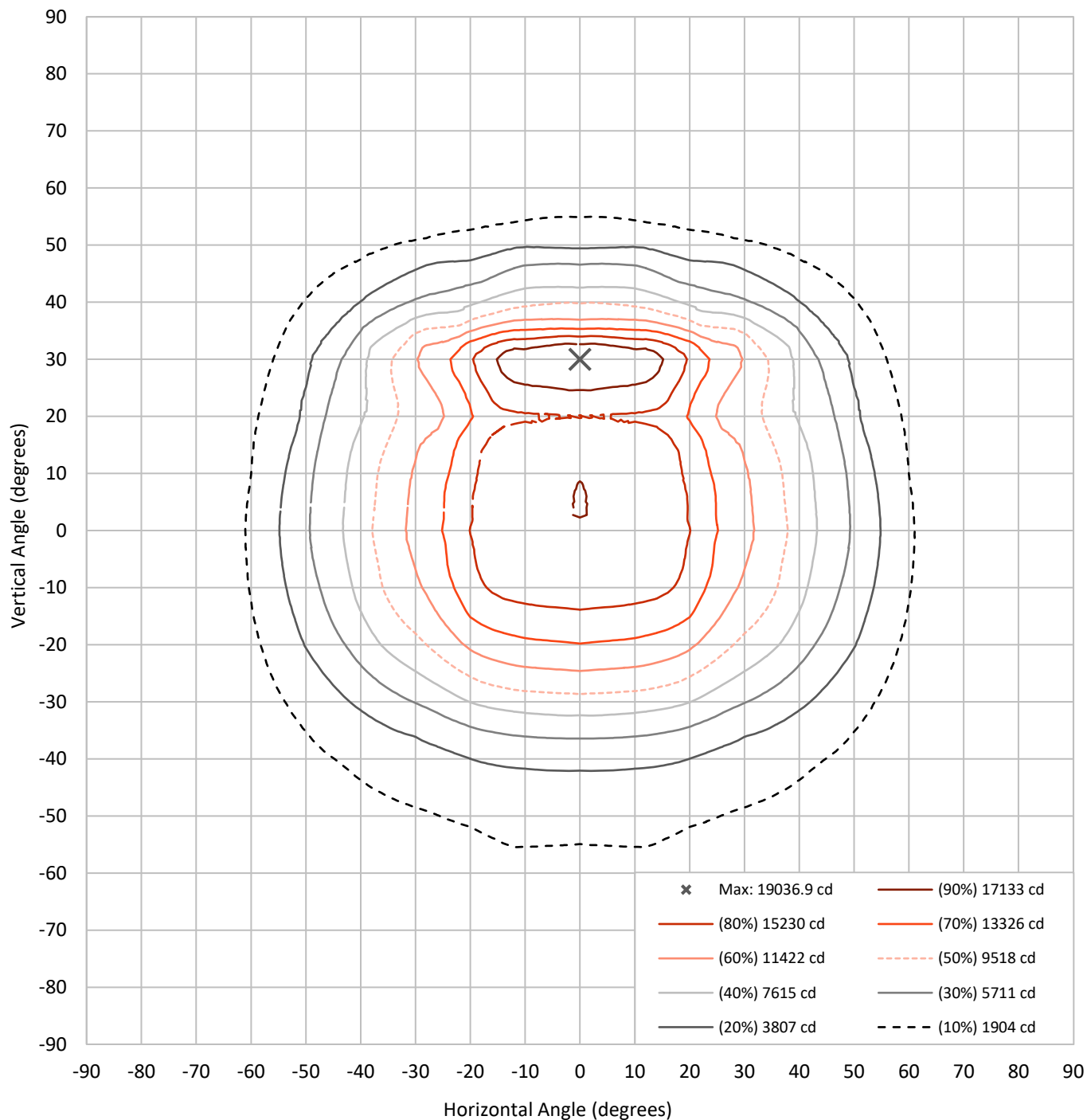
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	27269.1 lumens	Max Intensity:	19036.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	86.6 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 0.5' x H: 0')		
Beam Angle (50%):	68.6°H x 68.4°V	Field Angle (10%):	111.9°H x 109.7°V
Beam Lumens:	17396.5 lumens	Field Lumens:	25708.7 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%
Input Watts (W):	314.8		
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: P722384

CATALOG NUMBER: IFLD-M-SA4E-722-U-76-VI

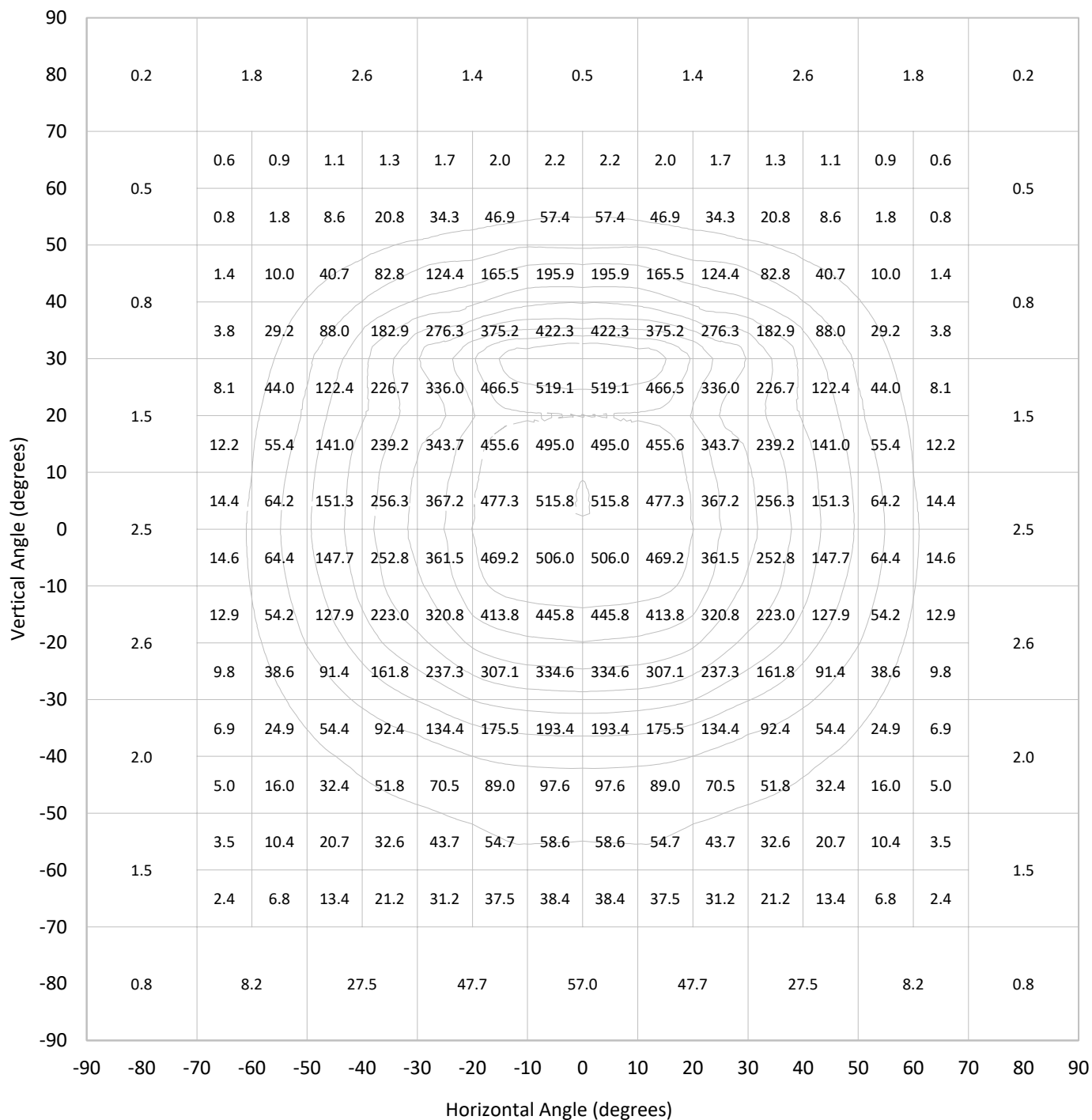
Iso-Candela Plot



REPORT NUMBER: P722384

CATALOG NUMBER: IFLD-M-SA4E-722-U-76-VI

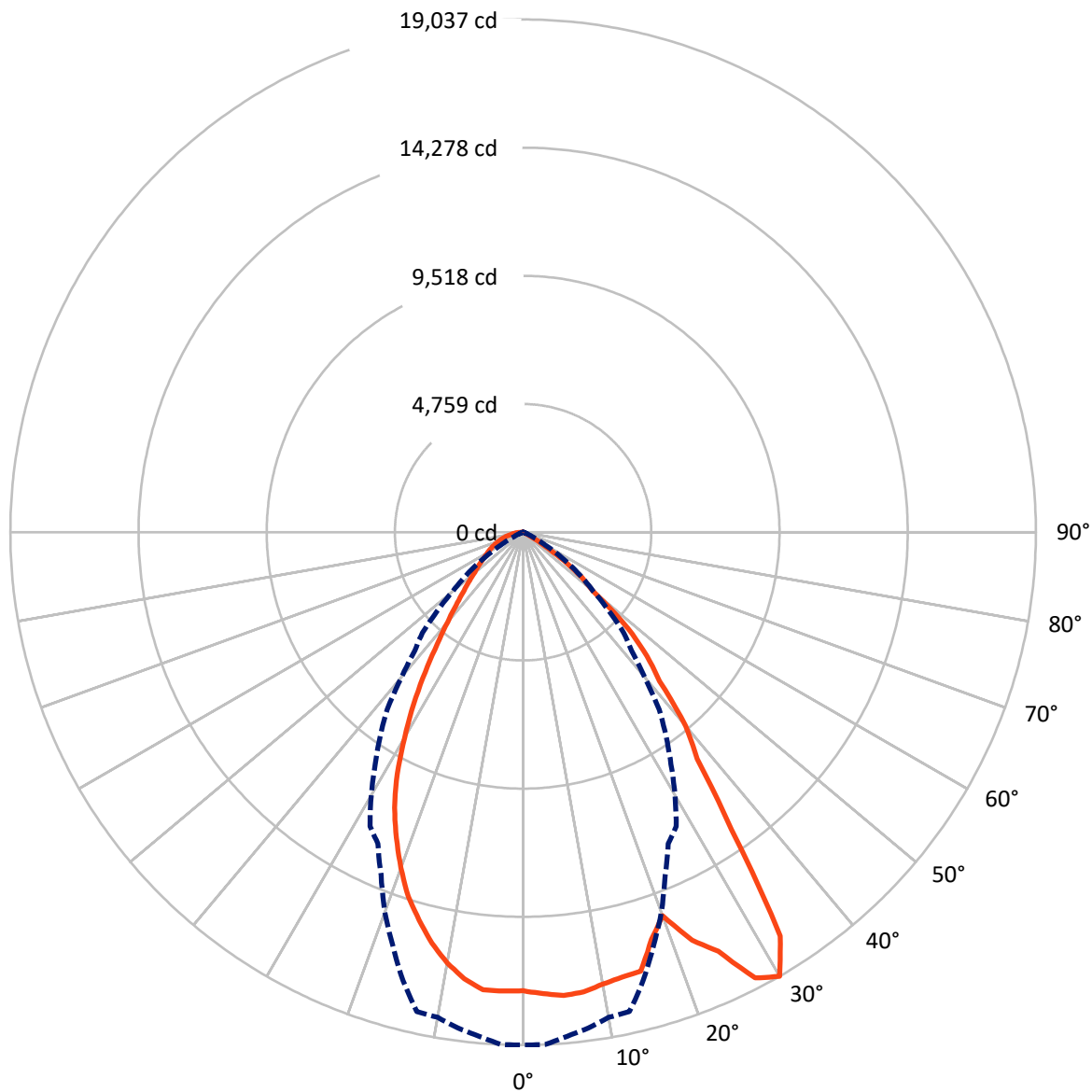
Lumen Table



REPORT NUMBER: P722384

CATALOG NUMBER: IFLD-M-SA4E-722-U-76-VI

Luminous Intensity Polar Plot



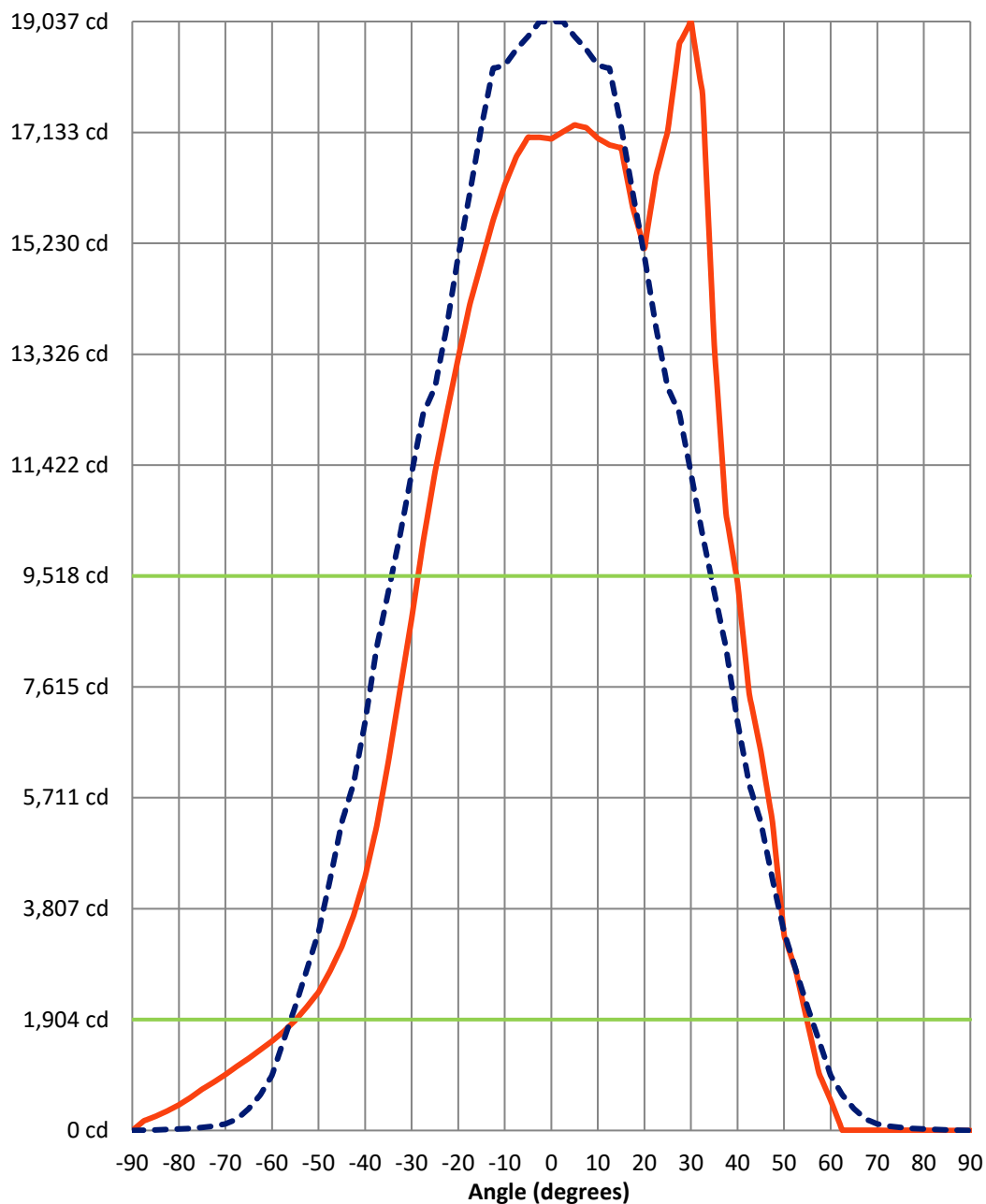
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

REPORT NUMBER: P722384

CATALOG NUMBER: IFLD-M-SA4E-722-U-76-VI

Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 17396.5

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 25708.7

Efficiency: 94.3%

Spill:

Lumens: 1560.5

Efficiency: 5.7%

— Vertical Distribution through 0-Deg

- - - Horizontal Distribution through 30-Deg

REPORT NUMBER: P722384

CATALOG NUMBER: IFLD-M-SA4E-722-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	4.3	4.3	4.3	4.3	4.3	4.3	4.3
85°	0.0	4.3	4.3	4.3	8.7	8.7	8.7	8.7	8.7	8.7	13.0
82.5°	0.0	4.3	4.3	4.3	8.7	8.7	8.7	8.7	13.0	13.0	17.4
80°	4.3	4.3	4.3	4.3	8.7	8.7	8.7	13.0	13.0	17.4	17.4
77.5°	4.3	4.3	4.3	8.7	8.7	8.7	13.0	13.0	17.4	17.4	21.7
75°	4.3	4.3	4.3	8.7	8.7	13.0	13.0	13.0	17.4	17.4	21.7
72.5°	0.0	4.3	4.3	8.7	8.7	13.0	13.0	13.0	17.4	17.4	17.4
70°	4.3	4.3	4.3	8.7	8.7	13.0	13.0	13.0	17.4	17.4	17.4
67.5°	4.3	4.3	4.3	8.7	8.7	13.0	13.0	17.4	17.4	17.4	21.7
65°	4.3	4.3	4.3	8.7	13.0	13.0	17.4	21.7	21.7	26.0	30.4
62.5°	4.3	8.7	8.7	13.0	17.4	21.7	47.8	73.8	73.8	52.1	43.4
60°	516.6	560.0	555.7	503.6	438.5	369.0	356.0	343.0	316.9	277.8	290.9
57.5°	981.1	1033.2	1055.0	1041.9	1007.2	946.4	911.7	872.6	820.5	759.7	690.3
55°	1858.1	1879.8	1832.1	1740.9	1641.0	1541.2	1506.5	1454.4	1376.2	1298.1	1193.9
52.5°	2748.1	2821.9	2800.2	2709.0	2574.4	2396.4	2201.1	2049.1	1958.0	1871.1	1766.9
50°	3355.9	3386.3	3447.0	3555.6	3594.6	3473.1	3156.2	2748.1	2457.2	2604.8	2491.9
47.5°	5296.5	5448.4	5418.0	5339.9	5209.6	4879.7	4436.9	4072.2	3768.3	3668.5	3685.8
45°	6507.7	6568.5	6546.8	6512.0	6451.3	6143.0	5652.5	5092.4	4810.2	4697.4	4580.1
42.5°	7501.9	7567.0	7580.0	7584.4	7519.2	7237.1	6794.2	6234.2	5952.0	5626.4	5370.3
40°	9399.1	9494.6	9386.0	9242.8	9025.7	8704.4	8270.3	7753.7	7254.4	6855.0	6551.1
37.5°	10610.3	10727.5	10770.9	10762.2	10714.5	10575.6	10041.6	9551.0	8786.9	7892.6	8053.2
35°	13484.3	13605.8	13571.1	13440.9	13371.4	13223.8	12702.8	12121.1	11161.6	10189.2	9928.7
32.5°	17769.2	18034.0	17539.1	16996.4	16662.1	16779.4	16249.7	14825.8	14382.9	12629.0	11817.2
30°	19036.9	19032.5	18780.7	18559.3	18285.8	18229.4	17230.9	16093.4	15008.1	13779.5	12754.9
27.5°	18650.5	18572.3	18359.6	18199.0	17942.9	17808.3	16831.5	15928.5	14673.8	13575.4	12585.6
25°	17161.4	17222.2	17005.1	16974.7	16874.9	16614.4	16128.2	15112.3	13992.2	12776.6	12064.6
22.5°	16393.0	16371.3	16110.8	15958.8	16080.4	15802.6	15607.2	14582.6	13414.8	12390.2	11535.0
20°	15142.7	15147.0	15081.9	15068.9	14995.1	14869.2	14712.9	13987.9	13163.0	12286.1	11257.2
17.5°	15841.6	16019.6	16097.8	15450.9	15633.2	15490.0	15325.0	14313.5	13692.7	12915.6	11574.1
15°	16866.2	16801.1	16722.9	16688.2	16588.3	16453.8	16154.2	15346.7	14278.7	13475.6	12429.3
12.5°	16918.3	16792.4	16762.0	16757.7	16653.5	16466.8	16175.9	15507.3	14560.9	13584.1	12733.2
10°	17031.2	16900.9	16883.6	16905.3	16744.6	16627.4	16336.5	15715.7	14647.8	13770.8	12967.7
7.5°	17213.5	16996.4	17096.3	17031.2	16957.4	16770.7	16458.1	15850.3	14964.7	14018.3	13176.0
5°	17261.3	17022.5	17131.0	17070.2	16961.7	16779.4	16440.7	15937.1	15160.0	14118.1	13258.5
2.5°	17144.0	17074.6	17026.8	16913.9	16866.2	16666.5	16345.2	15806.9	15068.9	14074.7	13241.2
0°	17022.5	17083.3	16974.7	16861.9	16840.1	16679.5	16406.0	15919.8	15281.6	14196.3	13388.8
-2.5°	17048.5	17000.8	16927.0	16809.8	16696.9	16466.8	16219.3	15763.5	15077.6	13931.4	13180.4
-5°	17048.5	16827.1	16835.8	16840.1	16727.3	16488.5	16188.9	15802.6	14956.0	13927.1	13119.6
-7.5°	16718.6	16527.6	16497.2	16471.1	16440.7	16219.3	15984.9	15503.0	14752.0	13814.2	12950.3
-10°	16232.4	16045.7	16063.0	16024.0	15928.5	15780.9	15602.9	15168.7	14552.2	13458.2	12607.3
-12.5°	15624.6	15542.1	15494.3	15429.2	15333.7	15203.5	15021.1	14613.0	13953.1	13019.7	12212.3
-15°	14903.9	14843.1	14799.7	14760.6	14621.7	14487.1	14248.4	13870.7	13458.2	12455.4	11630.5
-17.5°	14183.2	14031.3	13970.5	13918.4	13827.2	13610.2	13393.1	13110.9	12533.5	11739.0	11031.4
-20°	13258.5	13167.4	13093.5	13024.1	12893.8	12724.5	12546.5	12220.9	11721.7	11079.2	10345.5

REPORT NUMBER: P722384

CATALOG NUMBER: IFLD-M-SA4E-722-U-76-VI

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	12290.4	12238.3	12177.5	12090.7	12003.9	11843.2	11595.8	11283.2	10892.5	10197.9	9511.9
-25°	11291.9	11192.0	11118.2	11035.7	10966.3	10818.7	10579.9	10280.3	9789.8	9190.7	8617.6
-27.5°	10115.4	10019.9	9980.8	9885.3	9824.5	9689.9	9451.1	9173.3	8730.5	8226.9	7645.1
-30°	8786.9	8804.3	8760.9	8669.7	8595.9	8422.2	8239.9	8005.5	7658.2	7176.3	6655.3
-32.5°	7558.3	7580.0	7527.9	7432.4	7336.9	7211.0	7041.7	6829.0	6568.5	6108.3	5656.8
-35°	6329.7	6321.0	6277.6	6221.2	6156.1	6051.9	5860.8	5700.2	5400.7	5079.4	4766.8
-37.5°	5227.0	5248.7	5235.7	5205.3	5131.5	5044.7	4888.4	4740.8	4519.4	4237.2	3994.1
-40°	4354.4	4380.4	4363.1	4332.7	4267.6	4215.5	4111.3	3981.0	3803.0	3559.9	3355.9
-42.5°	3685.8	3703.2	3681.5	3655.4	3599.0	3559.9	3477.4	3368.9	3221.3	3034.6	2852.3
-45°	3156.2	3160.5	3138.8	3121.4	3078.0	3030.3	2960.8	2874.0	2756.8	2626.5	2478.9
-47.5°	2739.4	2735.1	2713.4	2696.0	2661.3	2617.8	2561.4	2483.3	2392.1	2292.2	2175.0
-50°	2374.7	2396.4	2387.7	2370.4	2344.3	2313.9	2257.5	2175.0	2083.9	2010.1	1927.6
-52.5°	2122.9	2127.3	2122.9	2122.9	2118.6	2096.9	2031.8	1949.3	1849.4	1784.3	1714.8
-55°	1888.5	1910.2	1918.9	1927.6	1931.9	1931.9	1853.8	1766.9	1671.4	1606.3	1554.2
-57.5°	1697.5	1710.5	1719.2	1740.9	1758.3	1771.3	1701.8	1623.7	1549.9	1489.1	1441.3
-60°	1532.5	1549.9	1562.9	1584.6	1597.6	1606.3	1562.9	1510.8	1467.4	1428.3	1358.8
-62.5°	1384.9	1397.9	1410.9	1424.0	1437.0	1445.7	1428.3	1402.3	1380.6	1363.2	1276.4
-65°	1237.3	1250.3	1263.3	1280.7	1293.7	1302.4	1298.1	1280.7	1263.3	1246.0	1167.8
-67.5°	1102.7	1115.7	1133.1	1137.4	1146.1	1150.5	1141.8	1128.8	1107.0	1085.3	1024.6
-70°	959.4	968.1	976.8	976.8	976.8	972.5	963.8	946.4	924.7	894.3	846.6
-72.5°	829.2	837.9	846.6	833.5	824.9	811.8	798.8	777.1	755.4	733.7	707.6
-75°	707.6	712.0	712.0	694.6	681.6	668.6	651.2	638.2	616.5	599.1	577.4
-77.5°	564.4	564.4	564.4	551.4	542.7	534.0	521.0	507.9	490.6	477.5	460.2
-80°	438.5	438.5	438.5	434.1	421.1	412.4	403.7	395.1	382.0	373.4	364.7
-82.5°	334.3	334.3	334.3	329.9	321.3	316.9	308.2	299.6	295.2	286.5	282.2
-85°	243.1	247.5	247.5	243.1	238.8	230.1	225.8	221.4	217.1	212.7	204.0
-87.5°	165.0	165.0	165.0	160.6	156.3	156.3	151.9	143.3	134.6	130.2	125.9
-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: P722384

CATALOG NUMBER: IFLD-M-SA4E-722-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°	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
85°	13.0	13.0	13.0	17.4	17.4	17.4	17.4	17.4	17.4	17.4	13.0
82.5°	21.7	21.7	26.0	26.0	30.4	30.4	30.4	30.4	30.4	30.4	30.4
80°	21.7	26.0	30.4	34.7	39.1	43.4	43.4	43.4	43.4	39.1	39.1
77.5°	26.0	26.0	30.4	34.7	39.1	43.4	47.8	52.1	47.8	47.8	47.8
75°	26.0	30.4	30.4	34.7	39.1	43.4	47.8	52.1	52.1	52.1	52.1
72.5°	21.7	26.0	30.4	34.7	34.7	39.1	43.4	43.4	47.8	47.8	52.1
70°	21.7	26.0	30.4	30.4	34.7	34.7	39.1	43.4	43.4	47.8	47.8
67.5°	26.0	30.4	30.4	34.7	39.1	39.1	39.1	43.4	43.4	47.8	47.8
65°	30.4	34.7	34.7	39.1	43.4	43.4	47.8	47.8	47.8	52.1	52.1
62.5°	52.1	52.1	52.1	47.8	52.1	52.1	52.1	56.4	56.4	52.1	56.4
60°	269.2	195.4	134.6	169.3	151.9	69.5	69.5	69.5	65.1	65.1	60.8
57.5°	633.8	590.4	507.9	429.8	386.4	343.0	212.7	86.8	86.8	78.1	69.5
55°	1059.3	916.0	855.2	751.1	638.2	586.1	486.2	329.9	156.3	104.2	91.2
52.5°	1641.0	1506.5	1350.2	1137.4	985.5	863.9	781.4	620.8	416.8	221.4	138.9
50°	2196.7	2136.0	2040.4	1832.1	1515.1	1311.1	1176.5	994.2	746.7	455.8	260.5
47.5°	3538.2	3030.3	2722.0	2561.4	2296.6	1910.2	1649.7	1445.7	1146.1	768.4	460.2
45°	4454.2	4133.0	3642.4	3303.8	2913.1	2505.0	2166.3	1931.9	1575.9	1150.5	720.7
42.5°	5240.0	4962.2	4519.4	4024.4	3612.0	3078.0	2643.9	2335.7	2036.1	1571.6	1076.7
40°	6251.6	5921.6	5496.2	5014.3	4532.4	3850.8	3147.5	2774.1	2444.2	2031.8	1454.4
37.5°	7918.6	7336.9	6642.3	6108.3	5478.8	4901.4	3937.6	3277.7	2887.0	2457.2	1897.2
35°	9924.4	9286.2	8127.0	7419.4	6577.2	5717.6	4849.3	3872.5	3316.8	2861.0	2305.3
32.5°	11791.1	10857.7	9373.0	8543.8	7983.8	6399.2	5500.5	4653.9	3759.6	3199.6	2539.7
30°	12307.8	11278.9	10215.2	9247.1	8292.0	7011.3	5947.7	5287.8	4315.3	3403.6	2761.1
27.5°	11786.8	11079.2	10254.3	9355.6	8322.4	7224.0	6221.2	5591.7	4723.4	3542.6	2934.8
25°	11257.2	10519.1	9941.7	9190.7	8235.6	7211.0	6229.9	5782.7	5040.3	3811.7	3030.3
22.5°	10697.1	10236.9	9759.4	8921.5	8018.5	7250.1	6512.0	5947.7	5205.3	4115.6	3069.3
20°	10727.5	10428.0	9902.6	8782.6	7979.4	7480.2	6850.7	6156.1	5383.3	4380.4	3099.7
17.5°	11213.7	10823.0	10163.1	9190.7	8331.1	7714.6	7132.9	6442.6	5565.6	4614.9	3468.7
15°	11812.8	11218.1	10527.8	9672.6	8700.1	7970.7	7349.9	6642.3	5774.0	4831.9	3798.7
12.5°	12247.0	11400.4	10753.6	9980.8	9099.5	8248.6	7493.2	6794.2	5969.4	5009.9	4046.1
10°	12394.6	11626.2	10862.1	10171.8	9303.5	8396.2	7601.7	6889.7	6138.7	5148.9	4228.5
7.5°	12472.7	11821.5	10935.9	10258.6	9425.1	8487.4	7688.6	6941.8	6273.3	5244.4	4345.7
5°	12464.1	11925.7	10992.3	10284.7	9490.2	8526.4	7749.3	6954.9	6368.8	5326.9	4415.2
2.5°	12425.0	11995.2	11083.5	10328.1	9620.5	8600.2	7866.5	6980.9	6403.5	5418.0	4462.9
0°	12568.2	11999.5	11179.0	10341.1	9707.3	8626.3	7918.6	6959.2	6355.8	5444.1	4458.6
-2.5°	12260.0	11743.4	11157.3	10228.3	9590.1	8565.5	7823.1	6889.7	6251.6	5413.7	4441.2
-5°	12207.9	11556.7	10975.0	10124.1	9394.7	8439.6	7645.1	6759.5	6086.6	5313.8	4371.8
-7.5°	12069.0	11378.7	10797.0	10041.6	9212.4	8309.4	7475.8	6624.9	5908.6	5157.5	4271.9
-10°	11765.1	11105.2	10605.9	9863.6	8991.0	8122.7	7271.8	6446.9	5700.2	4944.8	4115.6
-12.5°	11331.0	10671.1	10176.2	9485.9	8713.1	7870.9	7028.7	6216.8	5461.4	4719.1	3928.9
-15°	10840.4	10171.8	9676.9	9047.4	8300.7	7480.2	6720.4	5926.0	5187.9	4480.3	3707.5
-17.5°	10284.7	9650.8	9173.3	8561.2	7818.8	7037.3	6282.0	5561.3	4871.0	4232.8	3451.4
-20°	9642.2	9025.7	8587.2	7975.1	7293.5	6533.8	5800.1	5118.5	4497.7	3898.5	3169.2

REPORT NUMBER: P722384

CATALOG NUMBER: IFLD-M-SA4E-722-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°	8847.7	8305.0	7805.8	7258.8	6664.0	5969.4	5287.8	4684.3	4089.6	3503.5	2878.3
-25°	8035.9	7510.6	7024.3	6525.1	5956.3	5357.2	4775.5	4228.5	3646.7	3117.1	2596.1
-27.5°	7132.9	6664.0	6229.9	5769.7	5248.7	4732.1	4254.5	3720.5	3216.9	2765.4	2318.3
-30°	6169.1	5787.0	5409.3	5001.2	4580.1	4146.0	3720.5	3216.9	2821.9	2461.6	2083.9
-32.5°	5244.4	4901.4	4597.5	4293.6	3928.9	3572.9	3195.2	2821.9	2491.9	2175.0	1858.1
-35°	4432.5	4067.9	3898.5	3655.4	3364.6	3043.3	2735.1	2474.6	2209.8	1923.2	1641.0
-37.5°	3729.2	3494.8	3295.1	3112.8	2882.7	2604.8	2383.4	2170.7	1949.3	1688.8	1445.7
-40°	3177.9	3008.6	2808.9	2674.3	2487.6	2287.9	2066.5	1888.5	1701.8	1489.1	1289.4
-42.5°	2735.1	2596.1	2465.9	2322.6	2183.7	2014.4	1823.4	1654.1	1484.7	1328.5	1163.5
-45°	2370.4	2270.5	2166.3	2049.1	1927.6	1780.0	1623.7	1450.0	1328.5	1189.5	1050.6
-47.5°	2070.8	1997.0	1910.2	1819.0	1714.8	1584.6	1441.3	1315.4	1189.5	1072.3	937.7
-50°	1832.1	1762.6	1693.1	1615.0	1523.8	1410.9	1302.4	1185.2	1068.0	955.1	829.2
-52.5°	1632.4	1571.6	1515.1	1450.0	1363.2	1267.7	1167.8	1063.6	955.1	842.2	742.4
-55°	1493.4	1424.0	1367.5	1302.4	1224.3	1133.1	1041.9	946.4	842.2	755.4	672.9
-57.5°	1380.6	1302.4	1237.3	1167.8	1089.7	1011.5	929.1	842.2	764.1	681.6	603.4
-60°	1285.0	1193.9	1120.1	1050.6	976.8	903.0	833.5	759.7	685.9	612.1	534.0
-62.5°	1185.2	1089.7	998.5	933.4	877.0	811.8	751.1	681.6	616.5	542.7	486.2
-65°	1072.3	981.1	894.3	837.9	785.8	729.3	672.9	612.1	555.7	499.3	447.2
-67.5°	946.4	868.3	807.5	755.4	703.3	655.5	603.4	551.4	503.6	447.2	395.1
-70°	794.5	751.1	716.3	677.3	629.5	586.1	538.3	490.6	438.5	390.7	343.0
-72.5°	677.3	651.2	625.2	586.1	542.7	503.6	464.5	421.1	377.7	334.3	295.2
-75°	555.7	534.0	512.3	486.2	451.5	421.1	386.4	347.3	312.6	282.2	251.8
-77.5°	447.2	429.8	416.8	395.1	369.0	343.0	321.3	295.2	269.2	238.8	208.4
-80°	356.0	347.3	343.0	334.3	312.6	290.9	273.5	251.8	225.8	204.0	182.3
-82.5°	277.8	277.8	273.5	269.2	251.8	234.4	221.4	204.0	186.7	169.3	147.6
-85°	204.0	199.7	199.7	195.4	182.3	173.7	160.6	151.9	138.9	121.6	112.9
-87.5°	121.6	117.2	112.9	108.5	99.9	95.5	86.8	82.5	73.8	65.1	60.8
-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: P722384

CATALOG NUMBER: IFLD-M-SA4E-722-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°	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	0.0	0.0
85°	13.0	8.7	8.7	8.7	8.7	8.7	4.3	4.3	4.3	4.3	4.3
82.5°	26.0	26.0	21.7	21.7	17.4	13.0	8.7	8.7	8.7	4.3	4.3
80°	39.1	39.1	39.1	34.7	30.4	21.7	17.4	13.0	8.7	4.3	4.3
77.5°	47.8	43.4	43.4	39.1	39.1	34.7	26.0	21.7	13.0	8.7	4.3
75°	47.8	47.8	47.8	43.4	43.4	39.1	34.7	26.0	21.7	13.0	8.7
72.5°	52.1	47.8	47.8	47.8	43.4	39.1	34.7	30.4	26.0	17.4	8.7
70°	47.8	47.8	47.8	47.8	43.4	43.4	34.7	30.4	30.4	17.4	13.0
67.5°	47.8	47.8	47.8	43.4	43.4	39.1	34.7	30.4	30.4	21.7	13.0
65°	52.1	47.8	47.8	47.8	43.4	39.1	34.7	30.4	30.4	26.0	17.4
62.5°	56.4	52.1	52.1	47.8	43.4	39.1	34.7	30.4	30.4	26.0	17.4
60°	60.8	56.4	52.1	52.1	47.8	43.4	34.7	34.7	30.4	26.0	17.4
57.5°	65.1	60.8	60.8	56.4	52.1	47.8	39.1	34.7	30.4	26.0	21.7
55°	78.1	69.5	65.1	65.1	60.8	52.1	43.4	34.7	30.4	26.0	21.7
52.5°	104.2	82.5	73.8	73.8	69.5	60.8	47.8	39.1	30.4	26.0	21.7
50°	165.0	104.2	86.8	78.1	78.1	69.5	56.4	43.4	30.4	26.0	21.7
47.5°	260.5	173.7	104.2	91.2	86.8	82.5	65.1	43.4	34.7	26.0	21.7
45°	429.8	256.1	169.3	108.5	91.2	86.8	73.8	47.8	34.7	30.4	21.7
42.5°	590.4	399.4	260.5	130.2	108.5	95.5	78.1	52.1	39.1	30.4	21.7
40°	929.1	547.0	364.7	212.7	125.9	99.9	86.8	60.8	39.1	30.4	21.7
37.5°	1259.0	725.0	490.6	312.6	143.3	112.9	91.2	65.1	43.4	30.4	26.0
35°	1588.9	1015.9	607.8	416.8	191.0	134.6	95.5	69.5	43.4	30.4	26.0
32.5°	1884.2	1289.4	729.3	521.0	286.5	160.6	104.2	73.8	47.8	34.7	26.0
30°	2127.3	1541.2	946.4	612.1	373.4	195.4	112.9	73.8	52.1	34.7	26.0
27.5°	2309.6	1736.5	1167.8	707.6	447.2	230.1	130.2	82.5	52.1	34.7	26.0
25°	2457.2	1888.5	1363.2	807.5	512.3	286.5	156.3	86.8	56.4	39.1	26.0
22.5°	2574.4	2014.4	1523.8	942.1	590.4	343.0	191.0	95.5	56.4	39.1	26.0
20°	2735.1	2140.3	1632.4	1085.3	672.9	395.1	221.4	104.2	56.4	39.1	30.4
17.5°	2874.0	2266.2	1719.2	1206.9	755.4	434.1	256.1	112.9	60.8	39.1	30.4
15°	3034.6	2387.7	1797.3	1302.4	833.5	468.9	286.5	121.6	60.8	43.4	30.4
12.5°	3208.3	2500.6	1853.8	1380.6	916.0	499.3	312.6	138.9	65.1	43.4	30.4
10°	3386.3	2596.1	1901.5	1437.0	976.8	529.6	329.9	156.3	69.5	43.4	30.4
7.5°	3564.3	2683.0	1962.3	1463.0	1002.9	564.4	338.6	173.7	69.5	47.8	30.4
5°	3685.8	2739.4	2049.1	1480.4	1015.9	603.4	351.7	195.4	73.8	47.8	30.4
2.5°	3790.0	2774.1	2140.3	1493.4	1020.2	625.2	347.3	208.4	78.1	47.8	30.4
0°	3837.8	2774.1	2201.1	1484.7	1007.2	646.9	347.3	221.4	78.1	47.8	30.4
-2.5°	3764.0	2852.3	2183.7	1489.1	1011.5	646.9	364.7	225.8	86.8	52.1	30.4
-5°	3646.7	2882.7	2131.6	1467.4	1002.9	646.9	386.4	230.1	91.2	52.1	34.7
-7.5°	3533.9	2895.7	2070.8	1445.7	989.8	629.5	390.7	225.8	99.9	56.4	34.7
-10°	3386.3	2752.4	1992.7	1406.6	963.8	616.5	399.4	225.8	104.2	56.4	34.7
-12.5°	3216.9	2578.8	1897.2	1350.2	933.4	603.4	403.7	225.8	108.5	60.8	34.7
-15°	3021.6	2400.8	1788.6	1289.4	890.0	586.1	395.1	221.4	112.9	60.8	39.1
-17.5°	2800.2	2227.1	1675.8	1215.6	842.2	564.4	377.7	217.1	112.9	60.8	39.1
-20°	2548.4	2053.5	1549.9	1141.8	785.8	538.3	360.3	208.4	112.9	60.8	39.1

REPORT NUMBER: P722384

CATALOG NUMBER: IFLD-M-SA4E-722-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	2322.6	1892.8	1419.6	1059.3	725.0	507.9	338.6	199.7	112.9	65.1	39.1
-25°	2136.0	1736.5	1319.8	976.8	659.9	473.2	316.9	191.0	112.9	65.1	39.1
-27.5°	1940.6	1567.2	1215.6	898.7	616.5	442.8	295.2	182.3	108.5	65.1	39.1
-30°	1740.9	1402.3	1107.0	811.8	573.1	412.4	277.8	169.3	108.5	65.1	39.1
-32.5°	1558.5	1267.7	1007.2	725.0	525.3	382.0	260.5	165.0	104.2	65.1	39.1
-35°	1380.6	1146.1	903.0	655.5	473.2	351.7	243.1	160.6	104.2	65.1	39.1
-37.5°	1232.9	1033.2	807.5	607.8	442.8	325.6	225.8	151.9	99.9	65.1	39.1
-40°	1111.4	929.1	716.3	555.7	416.8	299.6	208.4	147.6	99.9	65.1	39.1
-42.5°	998.5	829.2	659.9	512.3	390.7	282.2	195.4	143.3	95.5	65.1	39.1
-45°	898.7	742.4	603.4	473.2	360.3	260.5	186.7	134.6	91.2	65.1	43.4
-47.5°	798.8	681.6	551.4	438.5	329.9	234.4	178.0	130.2	86.8	60.8	43.4
-50°	720.7	616.5	507.9	399.4	299.6	225.8	169.3	121.6	86.8	60.8	43.4
-52.5°	651.2	555.7	460.2	360.3	273.5	212.7	160.6	112.9	82.5	60.8	43.4
-55°	586.1	499.3	412.4	321.3	256.1	199.7	147.6	104.2	82.5	60.8	43.4
-57.5°	521.0	447.2	364.7	290.9	234.4	186.7	138.9	104.2	82.5	60.8	43.4
-60°	468.9	399.4	329.9	269.2	217.1	169.3	125.9	99.9	78.1	60.8	43.4
-62.5°	425.5	360.3	299.6	243.1	199.7	151.9	121.6	99.9	78.1	60.8	39.1
-65°	382.0	325.6	269.2	221.4	178.0	143.3	117.2	95.5	78.1	60.8	39.1
-67.5°	338.6	286.5	243.1	195.4	165.0	138.9	112.9	95.5	73.8	56.4	39.1
-70°	295.2	251.8	212.7	182.3	156.3	130.2	108.5	91.2	73.8	52.1	34.7
-72.5°	260.5	221.4	191.0	169.3	147.6	125.9	104.2	86.8	69.5	47.8	30.4
-75°	221.4	195.4	173.7	151.9	134.6	117.2	99.9	78.1	60.8	43.4	30.4
-77.5°	186.7	169.3	151.9	138.9	121.6	104.2	86.8	69.5	56.4	39.1	26.0
-80°	160.6	147.6	134.6	121.6	108.5	91.2	78.1	60.8	47.8	34.7	21.7
-82.5°	130.2	121.6	108.5	99.9	91.2	78.1	65.1	52.1	34.7	26.0	17.4
-85°	99.9	91.2	86.8	78.1	69.5	56.4	43.4	34.7	26.0	17.4	8.7
-87.5°	52.1	47.8	43.4	39.1	34.7	26.0	21.7	17.4	13.0	8.7	4.3
-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: P722384

CATALOG NUMBER: IFLD-M-SA4E-722-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°	4.3	0.0	0.0	0.0
77.5°	4.3	0.0	0.0	0.0
75°	4.3	4.3	0.0	0.0
72.5°	4.3	4.3	0.0	0.0
70°	4.3	4.3	0.0	0.0
67.5°	8.7	4.3	0.0	0.0
65°	8.7	4.3	0.0	0.0
62.5°	8.7	4.3	0.0	0.0
60°	8.7	4.3	0.0	0.0
57.5°	13.0	4.3	4.3	0.0
55°	13.0	4.3	4.3	0.0
52.5°	13.0	4.3	4.3	0.0
50°	13.0	8.7	4.3	0.0
47.5°	13.0	8.7	4.3	0.0
45°	13.0	8.7	4.3	0.0
42.5°	13.0	8.7	4.3	0.0
40°	17.4	8.7	4.3	0.0
37.5°	17.4	8.7	4.3	0.0
35°	17.4	8.7	4.3	0.0
32.5°	17.4	8.7	4.3	0.0
30°	17.4	8.7	4.3	0.0
27.5°	17.4	13.0	4.3	0.0
25°	17.4	13.0	4.3	0.0
22.5°	21.7	13.0	4.3	0.0
20°	21.7	13.0	4.3	0.0
17.5°	21.7	13.0	4.3	0.0
15°	21.7	13.0	4.3	0.0
12.5°	21.7	13.0	4.3	0.0
10°	21.7	13.0	4.3	0.0
7.5°	21.7	13.0	4.3	0.0
5°	21.7	13.0	4.3	0.0
2.5°	21.7	13.0	4.3	0.0
0°	21.7	13.0	4.3	0.0
-2.5°	21.7	13.0	4.3	0.0
-5°	21.7	13.0	4.3	0.0
-7.5°	21.7	13.0	4.3	0.0
-10°	21.7	13.0	4.3	0.0
-12.5°	26.0	13.0	4.3	0.0
-15°	26.0	13.0	4.3	0.0
-17.5°	26.0	13.0	4.3	0.0
-20°	26.0	13.0	4.3	0.0



REPORT NUMBER: P722384

CATALOG NUMBER: IFLD-M-SA4E-722-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	26.0	13.0	4.3	0.0
-25°	26.0	13.0	4.3	0.0
-27.5°	26.0	13.0	4.3	0.0
-30°	26.0	13.0	4.3	0.0
-32.5°	26.0	13.0	4.3	0.0
-35°	26.0	13.0	4.3	0.0
-37.5°	26.0	13.0	4.3	0.0
-40°	26.0	13.0	4.3	0.0
-42.5°	21.7	13.0	4.3	0.0
-45°	26.0	13.0	4.3	0.0
-47.5°	26.0	13.0	4.3	0.0
-50°	26.0	13.0	4.3	0.0
-52.5°	26.0	13.0	4.3	0.0
-55°	26.0	13.0	4.3	0.0
-57.5°	26.0	13.0	4.3	0.0
-60°	26.0	13.0	4.3	0.0
-62.5°	21.7	13.0	4.3	0.0
-65°	21.7	8.7	4.3	0.0
-67.5°	21.7	8.7	4.3	0.0
-70°	21.7	8.7	4.3	0.0
-72.5°	17.4	8.7	4.3	0.0
-75°	17.4	8.7	4.3	0.0
-77.5°	13.0	4.3	0.0	0.0
-80°	13.0	4.3	0.0	0.0
-82.5°	8.7	4.3	0.0	0.0
-85°	4.3	4.3	0.0	0.0
-87.5°	4.3	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)