

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: P722441

Luminaire Tested: **IFLD-M-SA4D-730-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722441
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-M-SA4D-730-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (64) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	29128.9 lumens	Max Intensity:	20335.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	116.7 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:	18583 lumens	Field Lumens:	27462.1 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

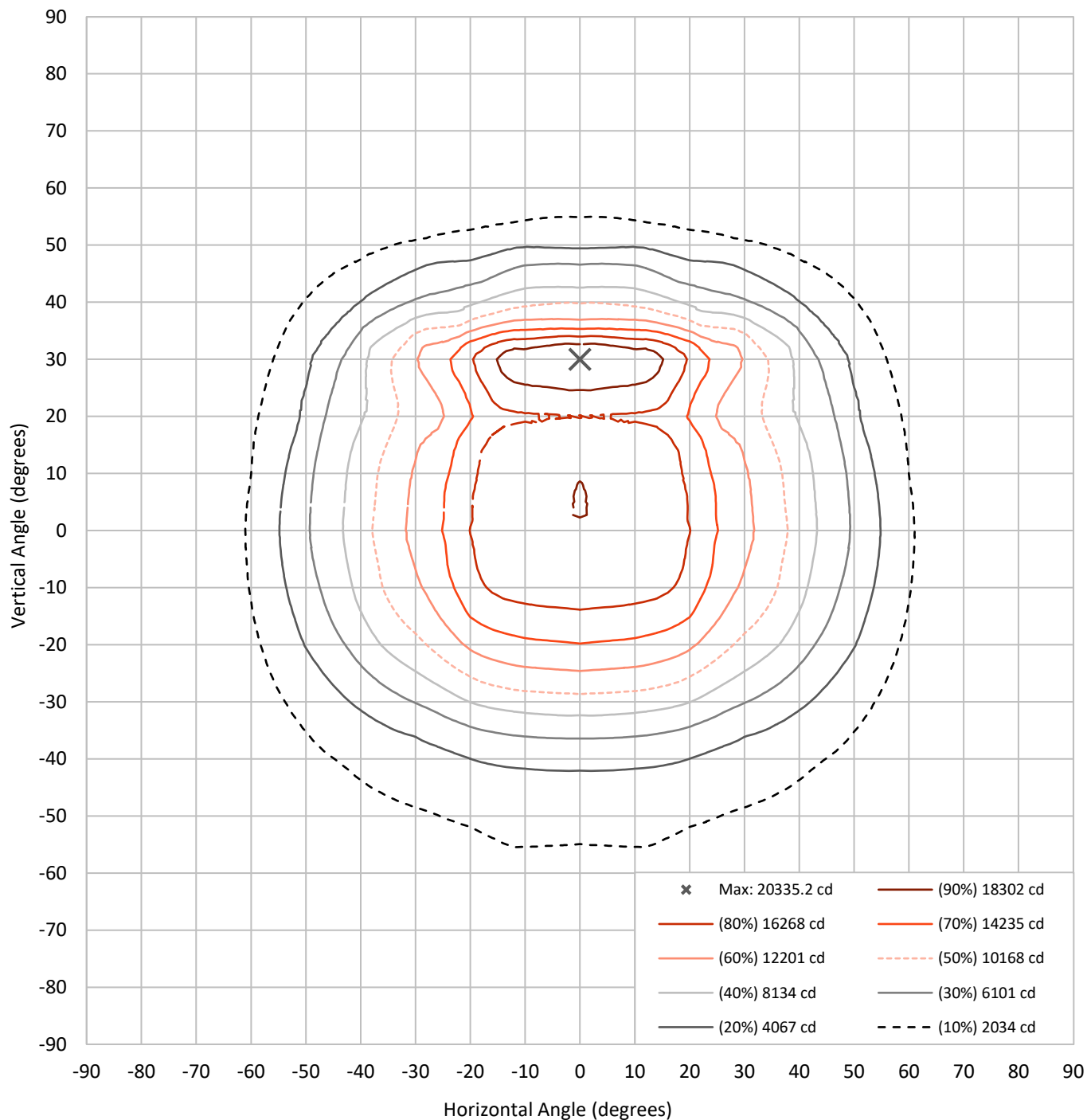
Input Watts (W): 249.7
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



REPORT NUMBER: P722441

CATALOG NUMBER: IFLD-M-SA4D-730-U-76-VI

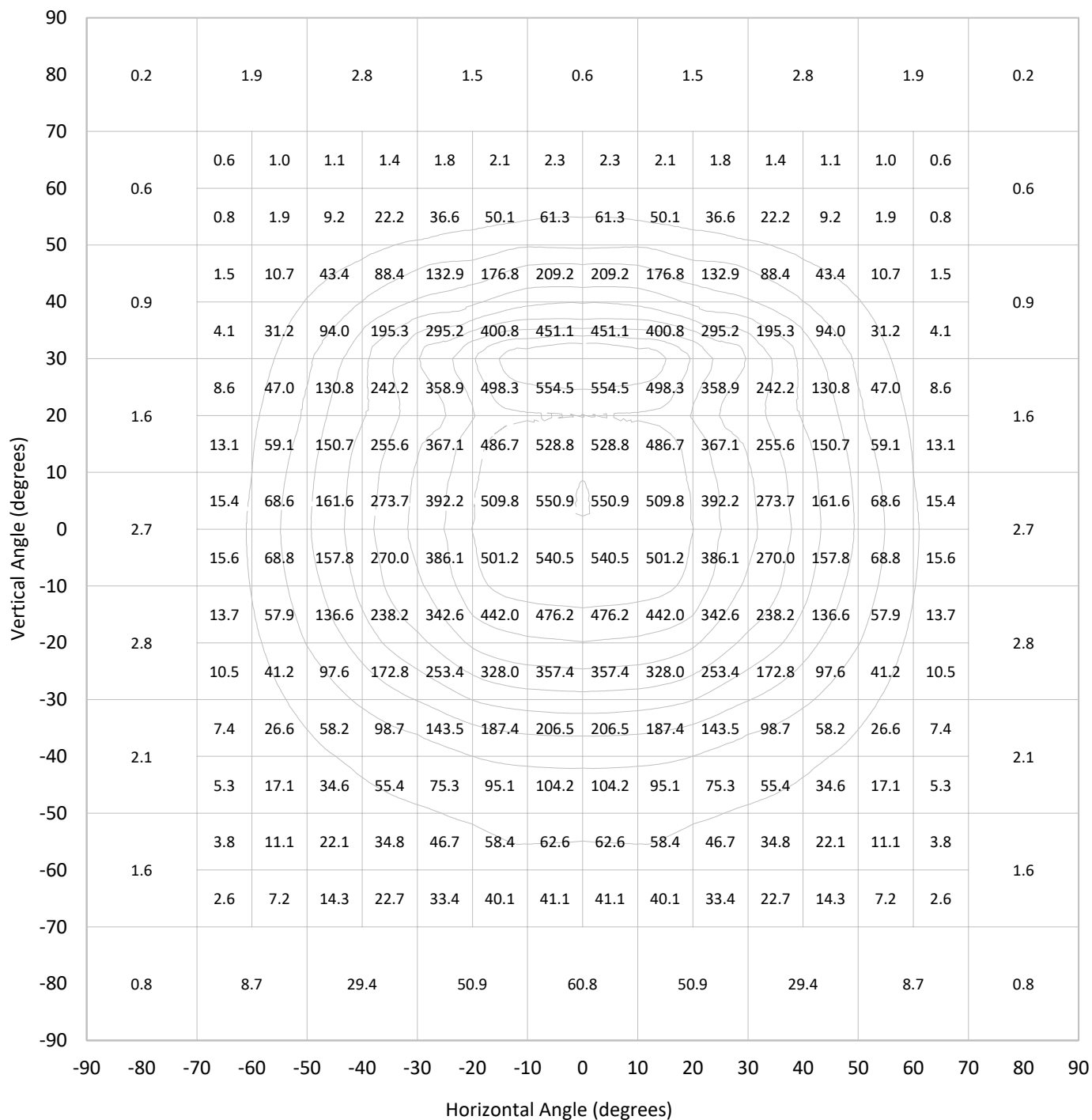
Iso-Candela Plot



REPORT NUMBER: P722441

CATALOG NUMBER: IFLD-M-SA4D-730-U-76-VI

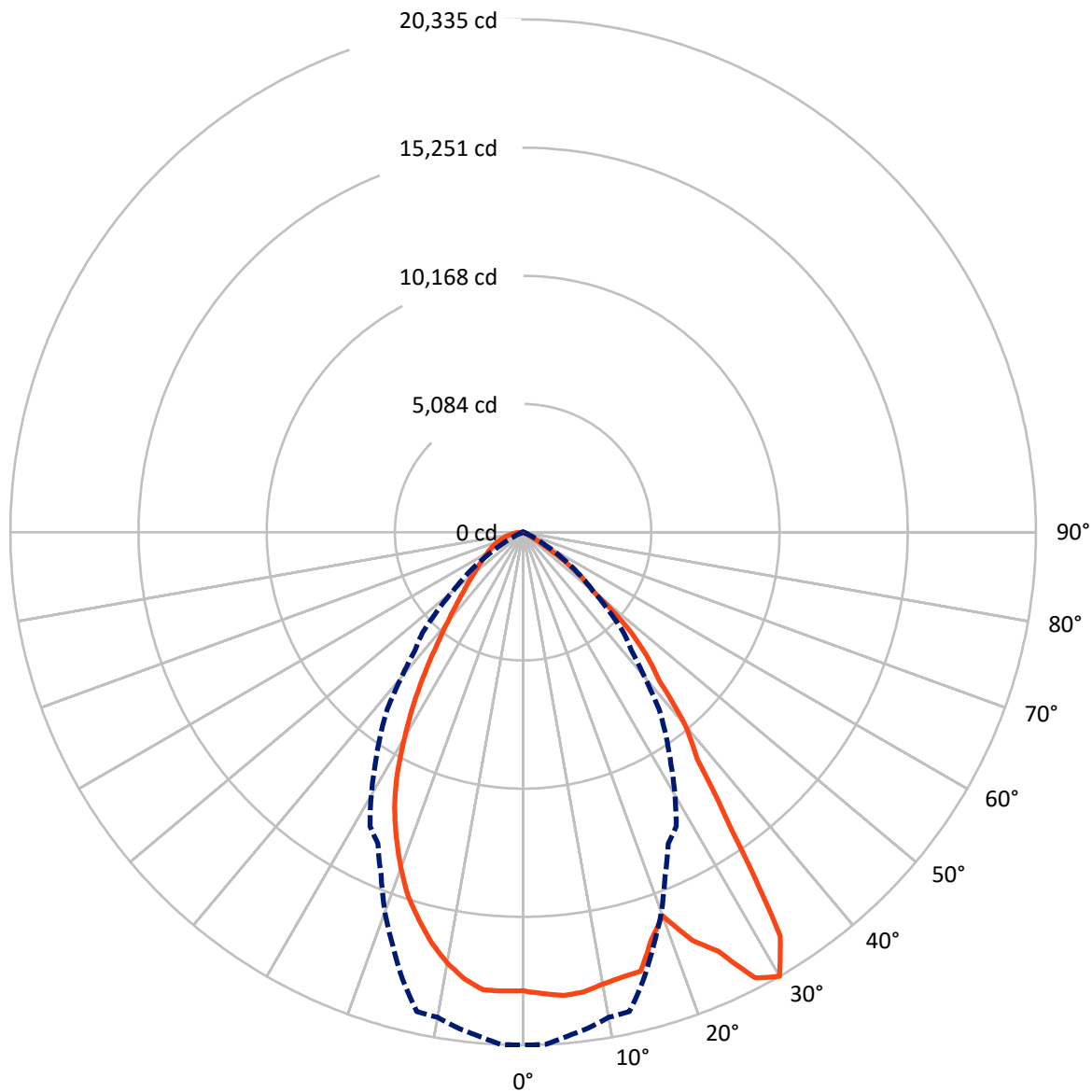
Lumen Table



REPORT NUMBER: P722441

CATALOG NUMBER: IFLD-M-SA4D-730-U-76-VI

Luminous Intensity Polar Plot



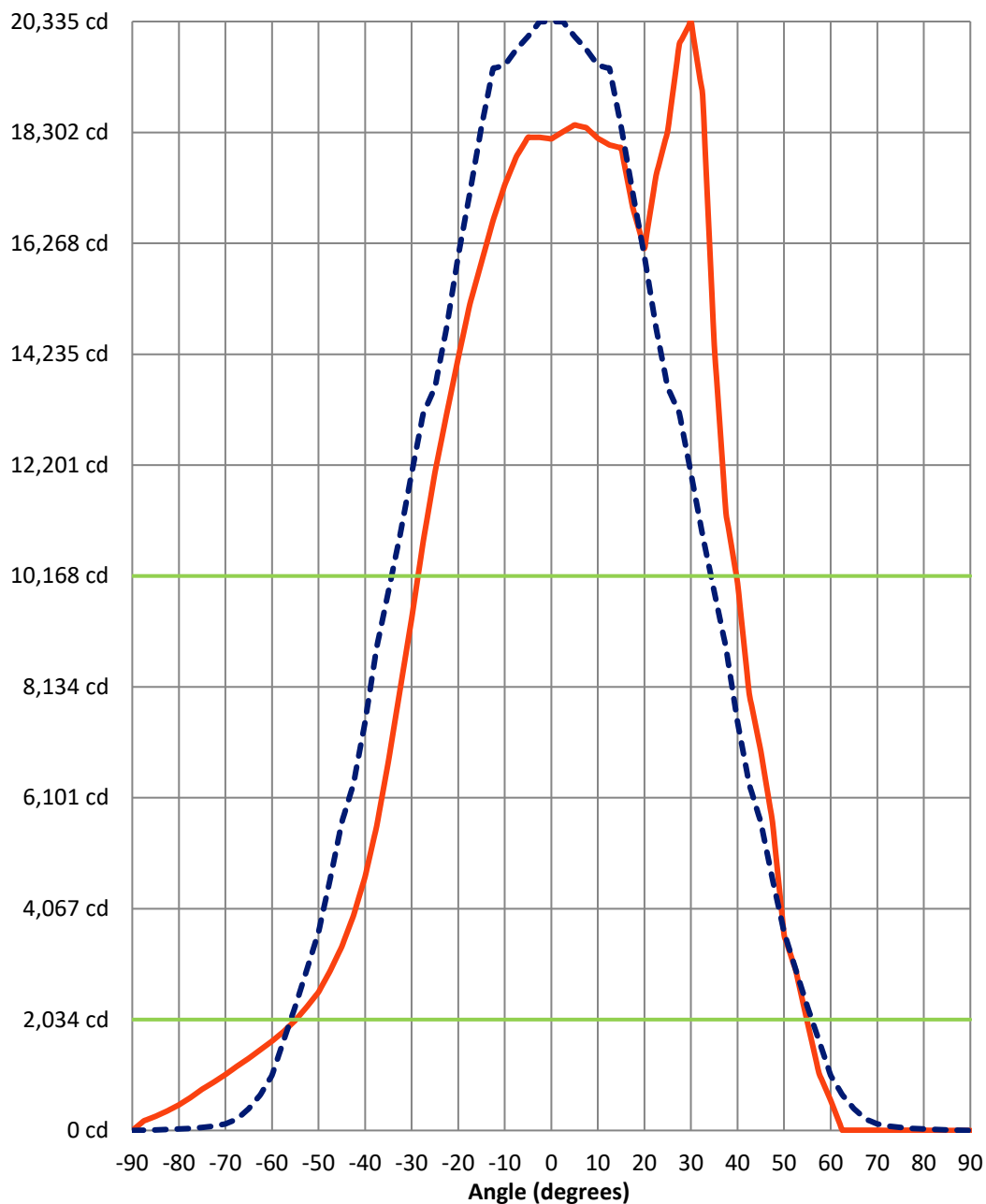
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

REPORT NUMBER: P722441

CATALOG NUMBER: IFLD-M-SA4D-730-U-76-VI

Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 18583

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 27462.1

Efficiency: 94.3%

Spill:

Lumens: 1666.9

Efficiency: 5.7%

— Vertical Distribution through 0-Deg

- - - Horizontal Distribution through 30-Deg

REPORT NUMBER: P722441

CATALOG NUMBER: IFLD-M-SA4D-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	4.6	4.6	4.6	4.6	4.6	4.6	4.6
85°	0.0	4.6	4.6	4.6	9.3	9.3	9.3	9.3	9.3	9.3	13.9
82.5°	0.0	4.6	4.6	4.6	9.3	9.3	9.3	9.3	13.9	13.9	18.5
80°	4.6	4.6	4.6	4.6	9.3	9.3	9.3	13.9	13.9	18.5	18.5
77.5°	4.6	4.6	4.6	9.3	9.3	9.3	13.9	13.9	18.5	18.5	23.2
75°	4.6	4.6	4.6	9.3	9.3	13.9	13.9	13.9	18.5	18.5	23.2
72.5°	0.0	4.6	4.6	9.3	9.3	13.9	13.9	13.9	18.5	18.5	18.5
70°	4.6	4.6	4.6	9.3	9.3	13.9	13.9	13.9	18.5	18.5	18.5
67.5°	4.6	4.6	4.6	9.3	9.3	13.9	13.9	18.5	18.5	18.5	23.2
65°	4.6	4.6	4.6	9.3	13.9	13.9	18.5	23.2	23.2	27.8	32.5
62.5°	4.6	9.3	9.3	13.9	18.5	23.2	51.0	78.8	78.8	55.6	46.4
60°	551.9	598.2	593.6	537.9	468.4	394.2	380.3	366.4	338.5	296.8	310.7
57.5°	1048.1	1103.7	1126.9	1113.0	1075.9	1011.0	973.9	932.1	876.5	811.6	737.4
55°	1984.8	2008.0	1957.0	1859.6	1753.0	1646.3	1609.2	1553.5	1470.1	1386.6	1275.3
52.5°	2935.5	3014.3	2991.2	2893.8	2750.0	2559.9	2351.2	2188.9	2091.5	1998.7	1887.4
50°	3584.8	3617.2	3682.1	3798.1	3839.8	3710.0	3371.4	2935.5	2624.8	2782.5	2661.9
47.5°	5657.7	5820.0	5787.5	5704.1	5564.9	5212.5	4739.5	4349.9	4025.3	3918.6	3937.2
45°	6951.5	7016.5	6993.3	6956.2	6891.3	6562.0	6038.0	5439.7	5138.3	5017.7	4892.5
42.5°	8013.5	8083.1	8097.0	8101.6	8032.1	7730.6	7257.6	6659.4	6357.9	6010.1	5736.5
40°	10040.1	10142.1	10026.2	9873.1	9641.3	9298.1	8834.4	8282.5	7749.2	7322.5	6997.9
37.5°	11333.9	11459.1	11505.5	11496.2	11445.2	11296.8	10726.4	10202.4	9386.2	8430.9	8602.5
35°	14403.9	14533.8	14496.7	14357.6	14283.4	14125.7	13569.2	12947.8	11922.9	10884.1	10605.9
32.5°	18981.1	19264.0	18735.3	18155.6	17798.5	17923.8	17358.0	15836.9	15363.9	13490.4	12623.2
30°	20335.2	20330.6	20061.6	19825.1	19533.0	19472.7	18406.1	17191.0	16031.7	14719.3	13624.8
27.5°	19922.5	19839.0	19611.8	19440.2	19166.6	19022.8	17979.4	17014.8	15674.6	14501.3	13444.0
25°	18331.9	18396.8	18164.9	18132.4	18025.8	17747.5	17228.1	16143.0	14946.5	13648.0	12887.5
22.5°	17511.0	17487.8	17209.6	17047.3	17177.1	16880.3	16671.6	15577.2	14329.7	13235.3	12321.7
20°	16175.4	16180.1	16110.5	16096.6	16017.8	15883.3	15716.3	14941.9	14060.8	13124.0	12024.9
17.5°	16922.1	17112.2	17195.7	16504.7	16699.5	16546.4	16370.2	15289.7	14626.5	13796.4	12363.5
15°	18016.5	17946.9	17863.5	17826.4	17719.7	17576.0	17256.0	16393.4	15252.6	14394.7	13277.0
12.5°	18072.2	17937.7	17905.2	17900.6	17789.3	17589.9	17279.2	16565.0	15554.0	14510.6	13601.7
10°	18192.7	18053.6	18035.1	18058.2	17886.7	17761.4	17450.7	16787.6	15646.8	14710.0	13852.1
7.5°	18387.5	18155.6	18262.3	18192.7	18113.9	17914.5	17580.6	16931.3	15985.3	14974.3	14074.7
5°	18438.5	18183.5	18299.4	18234.5	18118.5	17923.8	17562.0	17024.1	16194.0	15081.0	14162.8
2.5°	18313.3	18239.1	18188.1	18067.5	18016.5	17803.2	17460.0	16885.0	16096.6	15034.6	14144.2
0°	18183.5	18248.4	18132.4	18011.9	17988.7	17817.1	17524.9	17005.5	16323.8	15164.5	14301.9
-2.5°	18211.3	18160.3	18081.4	17956.2	17835.6	17589.9	17325.5	16838.6	16105.9	14881.6	14079.3
-5°	18211.3	17974.8	17984.0	17988.7	17868.1	17613.1	17293.1	16880.3	15976.0	14877.0	14014.4
-7.5°	17858.8	17654.8	17622.3	17594.5	17562.0	17325.5	17075.1	16560.3	15758.1	14756.4	13833.5
-10°	17339.4	17140.0	17158.6	17116.8	17014.8	16857.1	16667.0	16203.3	15544.7	14376.1	13467.2
-12.5°	16690.2	16602.1	16551.1	16481.5	16379.5	16240.4	16045.6	15609.7	14904.8	13907.7	13045.2
-15°	15920.4	15855.5	15809.1	15767.3	15618.9	15475.2	15220.1	14816.7	14376.1	13304.9	12423.7
-17.5°	15150.6	14988.3	14923.3	14867.7	14770.3	14538.4	14306.5	14005.1	13388.3	12539.7	11783.8
-20°	14162.8	14065.4	13986.6	13912.4	13773.2	13592.4	13402.2	13054.4	12521.1	11834.8	11051.1



REPORT NUMBER: P722441

CATALOG NUMBER: IFLD-M-SA4D-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°	13128.6	13073.0	13008.1	12915.3	12822.6	12651.0	12386.6	12052.7	11635.4	10893.4	10160.7
-25°	12062.0	11955.4	11876.5	11788.4	11714.2	11556.5	11301.5	10981.5	10457.5	9817.5	9205.3
-27.5°	10805.3	10703.2	10661.5	10559.5	10494.6	10350.8	10095.7	9798.9	9325.9	8788.0	8166.6
-30°	9386.2	9404.8	9358.4	9261.0	9182.2	8996.7	8801.9	8551.5	8180.5	7665.7	7109.2
-32.5°	8073.8	8097.0	8041.3	7939.3	7837.3	7702.8	7522.0	7294.7	7016.5	6524.9	6042.6
-35°	6761.4	6752.1	6705.8	6645.5	6575.9	6464.6	6260.6	6089.0	5769.0	5425.8	5091.9
-37.5°	5583.5	5606.7	5592.8	5560.3	5481.5	5388.7	5221.8	5064.1	4827.6	4526.2	4266.5
-40°	4651.4	4679.2	4660.6	4628.2	4558.6	4503.0	4391.7	4252.5	4062.4	3802.7	3584.8
-42.5°	3937.2	3955.7	3932.6	3904.7	3844.4	3802.7	3714.6	3598.7	3441.0	3241.6	3046.8
-45°	3371.4	3376.1	3352.9	3334.3	3288.0	3236.9	3162.7	3070.0	2944.8	2805.7	2648.0
-47.5°	2926.2	2921.6	2898.4	2879.9	2842.8	2796.4	2736.1	2652.6	2555.2	2448.6	2323.4
-50°	2536.7	2559.9	2550.6	2532.1	2504.2	2471.8	2411.5	2323.4	2226.0	2147.1	2059.0
-52.5°	2267.7	2272.4	2267.7	2267.7	2263.1	2239.9	2170.3	2082.2	1975.6	1906.0	1831.8
-55°	2017.3	2040.5	2049.8	2059.0	2063.7	2063.7	1980.2	1887.4	1785.4	1715.9	1660.2
-57.5°	1813.2	1827.2	1836.4	1859.6	1878.2	1892.1	1817.9	1734.4	1655.6	1590.6	1539.6
-60°	1637.0	1655.6	1669.5	1692.7	1706.6	1715.9	1669.5	1613.8	1567.5	1525.7	1451.5
-62.5°	1479.3	1493.3	1507.2	1521.1	1535.0	1544.3	1525.7	1497.9	1474.7	1456.2	1363.4
-65°	1321.7	1335.6	1349.5	1368.0	1382.0	1391.2	1386.6	1368.0	1349.5	1330.9	1247.5
-67.5°	1177.9	1191.8	1210.4	1215.0	1224.3	1228.9	1219.7	1205.7	1182.6	1159.4	1094.4
-70°	1024.9	1034.2	1043.4	1043.4	1043.4	1038.8	1029.5	1011.0	987.8	955.3	904.3
-72.5°	885.8	895.0	904.3	890.4	881.1	867.2	853.3	830.1	806.9	783.7	755.9
-75°	755.9	760.5	760.5	742.0	728.1	714.2	695.6	681.7	658.5	640.0	616.8
-77.5°	602.9	602.9	602.9	589.0	579.7	570.4	556.5	542.6	524.0	510.1	491.6
-80°	468.4	468.4	468.4	463.7	449.8	440.6	431.3	422.0	408.1	398.8	389.5
-82.5°	357.1	357.1	357.1	352.4	343.2	338.5	329.3	320.0	315.3	306.1	301.4
-85°	259.7	264.3	264.3	259.7	255.1	245.8	241.1	236.5	231.9	227.2	218.0
-87.5°	176.2	176.2	176.2	171.6	166.9	166.9	162.3	153.0	143.8	139.1	134.5
-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: P722441

CATALOG NUMBER: IFLD-M-SA4D-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°	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
85°	13.9	13.9	13.9	18.5	18.5	18.5	18.5	18.5	18.5	18.5	13.9
82.5°	23.2	23.2	27.8	27.8	32.5	32.5	32.5	32.5	32.5	32.5	32.5
80°	23.2	27.8	32.5	37.1	41.7	46.4	46.4	46.4	46.4	41.7	41.7
77.5°	27.8	27.8	32.5	37.1	41.7	46.4	51.0	55.6	51.0	51.0	51.0
75°	27.8	32.5	32.5	37.1	41.7	46.4	51.0	55.6	55.6	55.6	55.6
72.5°	23.2	27.8	32.5	37.1	37.1	41.7	46.4	46.4	51.0	51.0	55.6
70°	23.2	27.8	32.5	32.5	37.1	37.1	41.7	46.4	46.4	51.0	51.0
67.5°	27.8	32.5	32.5	37.1	41.7	41.7	41.7	46.4	46.4	51.0	51.0
65°	32.5	37.1	37.1	41.7	46.4	46.4	51.0	51.0	51.0	55.6	55.6
62.5°	55.6	55.6	55.6	51.0	55.6	55.6	55.6	60.3	60.3	55.6	60.3
60°	287.5	208.7	143.8	180.9	162.3	74.2	74.2	74.2	69.6	69.6	64.9
57.5°	677.1	630.7	542.6	459.1	412.7	366.4	227.2	92.7	92.7	83.5	74.2
55°	1131.5	978.5	913.6	802.3	681.7	626.1	519.4	352.4	166.9	111.3	97.4
52.5°	1753.0	1609.2	1442.2	1215.0	1052.7	922.9	834.7	663.2	445.2	236.5	148.4
50°	2346.6	2281.6	2179.6	1957.0	1618.5	1400.5	1256.8	1062.0	797.6	486.9	278.2
47.5°	3779.5	3236.9	2907.7	2736.1	2453.2	2040.5	1762.2	1544.3	1224.3	820.8	491.6
45°	4758.0	4414.9	3890.8	3529.1	3111.7	2675.8	2314.1	2063.7	1683.4	1228.9	769.8
42.5°	5597.4	5300.6	4827.6	4298.9	3858.4	3288.0	2824.2	2495.0	2175.0	1678.8	1150.1
40°	6677.9	6325.5	5871.0	5356.3	4841.5	4113.4	3362.2	2963.3	2610.9	2170.3	1553.5
37.5°	8458.7	7837.3	7095.3	6524.9	5852.5	5235.7	4206.2	3501.3	3083.9	2624.8	2026.6
35°	10601.2	9919.5	8681.3	7925.4	7025.7	6107.5	5180.0	4136.6	3543.0	3056.1	2462.5
32.5°	12595.3	11598.3	10012.3	9126.5	8528.3	6835.6	5875.7	4971.4	4016.0	3417.8	2712.9
30°	13147.2	12048.1	10911.9	9877.8	8857.5	7489.5	6353.3	5648.4	4609.6	3635.8	2949.4
27.5°	12590.7	11834.8	10953.7	9993.7	8890.0	7716.7	6645.5	5973.0	5045.6	3784.2	3134.9
25°	12024.9	11236.6	10619.8	9817.5	8797.3	7702.8	6654.7	6177.1	5384.1	4071.7	3236.9
22.5°	11426.7	10935.1	10425.0	9530.0	8565.4	7744.5	6956.2	6353.3	5560.3	4396.3	3278.7
20°	11459.1	11139.2	10578.0	9381.6	8523.6	7990.3	7317.9	6575.9	5750.4	4679.2	3311.1
17.5°	11978.5	11561.2	10856.3	9817.5	8899.3	8240.8	7619.3	6882.0	5945.2	4929.6	3705.3
15°	12618.5	11983.2	11245.8	10332.2	9293.5	8514.4	7851.2	7095.3	6167.8	5161.5	4057.8
12.5°	13082.3	12178.0	11487.0	10661.5	9720.1	8811.2	8004.2	7257.6	6376.5	5351.6	4322.1
10°	13239.9	12419.1	11602.9	10865.6	9938.1	8968.8	8120.2	7359.6	6557.4	5500.0	4516.9
7.5°	13323.4	12627.8	11681.7	10958.3	10067.9	9066.2	8212.9	7415.3	6701.1	5602.0	4642.1
5°	13314.1	12739.1	11742.0	10986.1	10137.5	9108.0	8277.9	7429.2	6803.1	5690.2	4716.3
2.5°	13272.4	12813.3	11839.4	11032.5	10276.6	9186.8	8403.1	7457.0	6840.2	5787.5	4767.3
0°	13425.4	12817.9	11941.4	11046.4	10369.3	9214.6	8458.7	7433.8	6789.2	5815.4	4762.7
-2.5°	13096.2	12544.3	11918.3	10925.8	10244.1	9149.7	8356.7	7359.6	6677.9	5782.9	4744.1
-5°	13040.5	12344.9	11723.5	10814.5	10035.5	9015.2	8166.6	7220.5	6501.7	5676.2	4669.9
-7.5°	12892.1	12154.8	11533.3	10726.4	9840.7	8876.1	7985.7	7076.8	6311.6	5509.3	4563.3
-10°	12567.5	11862.6	11329.3	10536.3	9604.2	8676.7	7767.7	6886.6	6089.0	5282.1	4396.3
-12.5°	12103.8	11398.9	10870.2	10132.8	9307.4	8407.7	7508.0	6640.8	5833.9	5040.9	4196.9
-15°	11579.7	10865.6	10336.9	9664.5	8866.8	7990.3	7178.8	6330.1	5541.8	4785.9	3960.4
-17.5°	10986.1	10309.1	9798.9	9145.1	8352.1	7517.3	6710.4	5940.6	5203.2	4521.5	3686.8
-20°	10299.8	9641.3	9172.9	8519.0	7790.9	6979.4	6195.6	5467.6	4804.4	4164.4	3385.3

REPORT NUMBER: P722441

CATALOG NUMBER: IFLD-M-SA4D-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°	9451.1	8871.5	8338.1	7753.8	7118.5	6376.5	5648.4	5003.8	4368.5	3742.4	3074.6
-25°	8583.9	8022.8	7503.4	6970.1	6362.6	5722.6	5101.2	4516.9	3895.5	3329.7	2773.2
-27.5°	7619.3	7118.5	6654.7	6163.2	5606.7	5054.8	4544.7	3974.3	3436.4	2954.1	2476.4
-30°	6589.8	6181.7	5778.3	5342.3	4892.5	4428.8	3974.3	3436.4	3014.3	2629.4	2226.0
-32.5°	5602.0	5235.7	4911.1	4586.4	4196.9	3816.6	3413.2	3014.3	2661.9	2323.4	1984.8
-35°	4734.8	4345.3	4164.4	3904.7	3594.0	3250.9	2921.6	2643.3	2360.5	2054.4	1753.0
-37.5°	3983.6	3733.2	3519.8	3325.1	3079.3	2782.5	2546.0	2318.7	2082.2	1804.0	1544.3
-40°	3394.6	3213.8	3000.4	2856.7	2657.3	2443.9	2207.4	2017.3	1817.9	1590.6	1377.3
-42.5°	2921.6	2773.2	2634.1	2481.0	2332.6	2151.8	1947.7	1766.9	1586.0	1419.1	1242.8
-45°	2532.1	2425.4	2314.1	2188.9	2059.0	1901.4	1734.4	1548.9	1419.1	1270.7	1122.3
-47.5°	2212.1	2133.2	2040.5	1943.1	1831.8	1692.7	1539.6	1405.1	1270.7	1145.5	1001.7
-50°	1957.0	1882.8	1808.6	1725.1	1627.7	1507.2	1391.2	1266.0	1140.8	1020.2	885.8
-52.5°	1743.7	1678.8	1618.5	1548.9	1456.2	1354.1	1247.5	1136.2	1020.2	899.7	793.0
-55°	1595.3	1521.1	1460.8	1391.2	1307.8	1210.4	1113.0	1011.0	899.7	806.9	718.8
-57.5°	1474.7	1391.2	1321.7	1247.5	1164.0	1080.5	992.4	899.7	816.2	728.1	644.6
-60°	1372.7	1275.3	1196.5	1122.3	1043.4	964.6	890.4	811.6	732.7	653.9	570.4
-62.5°	1266.0	1164.0	1066.6	997.1	936.8	867.2	802.3	728.1	658.5	579.7	519.4
-65°	1145.5	1048.1	955.3	895.0	839.4	779.1	718.8	653.9	593.6	533.3	477.7
-67.5°	1011.0	927.5	862.6	806.9	751.3	700.3	644.6	589.0	537.9	477.7	422.0
-70°	848.7	802.3	765.2	723.4	672.4	626.1	575.0	524.0	468.4	417.4	366.4
-72.5°	723.4	695.6	667.8	626.1	579.7	537.9	496.2	449.8	403.5	357.1	315.3
-75°	593.6	570.4	547.2	519.4	482.3	449.8	412.7	371.0	333.9	301.4	269.0
-77.5°	477.7	459.1	445.2	422.0	394.2	366.4	343.2	315.3	287.5	255.1	222.6
-80°	380.3	371.0	366.4	357.1	333.9	310.7	292.2	269.0	241.1	218.0	194.8
-82.5°	296.8	296.8	292.2	287.5	269.0	250.4	236.5	218.0	199.4	180.9	157.7
-85°	218.0	213.3	213.3	208.7	194.8	185.5	171.6	162.3	148.4	129.8	120.6
-87.5°	129.8	125.2	120.6	115.9	106.7	102.0	92.7	88.1	78.8	69.6	64.9
-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: P722441

CATALOG NUMBER: IFLD-M-SA4D-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°	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	0.0	0.0
85°	13.9	9.3	9.3	9.3	9.3	9.3	4.6	4.6	4.6	4.6	4.6
82.5°	27.8	27.8	23.2	23.2	18.5	13.9	9.3	9.3	9.3	4.6	4.6
80°	41.7	41.7	41.7	37.1	32.5	23.2	18.5	13.9	9.3	4.6	4.6
77.5°	51.0	46.4	46.4	41.7	41.7	37.1	27.8	23.2	13.9	9.3	4.6
75°	51.0	51.0	51.0	46.4	46.4	41.7	37.1	27.8	23.2	13.9	9.3
72.5°	55.6	51.0	51.0	51.0	46.4	41.7	37.1	32.5	27.8	18.5	9.3
70°	51.0	51.0	51.0	51.0	46.4	46.4	37.1	32.5	32.5	18.5	13.9
67.5°	51.0	51.0	51.0	46.4	46.4	41.7	37.1	32.5	32.5	23.2	13.9
65°	55.6	51.0	51.0	51.0	46.4	41.7	37.1	32.5	32.5	27.8	18.5
62.5°	60.3	55.6	55.6	51.0	46.4	41.7	37.1	32.5	32.5	27.8	18.5
60°	64.9	60.3	55.6	55.6	51.0	46.4	37.1	37.1	32.5	27.8	18.5
57.5°	69.6	64.9	64.9	60.3	55.6	51.0	41.7	37.1	32.5	27.8	23.2
55°	83.5	74.2	69.6	69.6	64.9	55.6	46.4	37.1	32.5	27.8	23.2
52.5°	111.3	88.1	78.8	78.8	74.2	64.9	51.0	41.7	32.5	27.8	23.2
50°	176.2	111.3	92.7	83.5	83.5	74.2	60.3	46.4	32.5	27.8	23.2
47.5°	278.2	185.5	111.3	97.4	92.7	88.1	69.6	46.4	37.1	27.8	23.2
45°	459.1	273.6	180.9	115.9	97.4	92.7	78.8	51.0	37.1	32.5	23.2
42.5°	630.7	426.6	278.2	139.1	115.9	102.0	83.5	55.6	41.7	32.5	23.2
40°	992.4	584.3	389.5	227.2	134.5	106.7	92.7	64.9	41.7	32.5	23.2
37.5°	1344.9	774.5	524.0	333.9	153.0	120.6	97.4	69.6	46.4	32.5	27.8
35°	1697.3	1085.2	649.2	445.2	204.0	143.8	102.0	74.2	46.4	32.5	27.8
32.5°	2012.7	1377.3	779.1	556.5	306.1	171.6	111.3	78.8	51.0	37.1	27.8
30°	2272.4	1646.3	1011.0	653.9	398.8	208.7	120.6	78.8	55.6	37.1	27.8
27.5°	2467.1	1855.0	1247.5	755.9	477.7	245.8	139.1	88.1	55.6	37.1	27.8
25°	2624.8	2017.3	1456.2	862.6	547.2	306.1	166.9	92.7	60.3	41.7	27.8
22.5°	2750.0	2151.8	1627.7	1006.3	630.7	366.4	204.0	102.0	60.3	41.7	27.8
20°	2921.6	2286.3	1743.7	1159.4	718.8	422.0	236.5	111.3	60.3	41.7	32.5
17.5°	3070.0	2420.8	1836.4	1289.2	806.9	463.7	273.6	120.6	64.9	41.7	32.5
15°	3241.6	2550.6	1919.9	1391.2	890.4	500.8	306.1	129.8	64.9	46.4	32.5
12.5°	3427.1	2671.2	1980.2	1474.7	978.5	533.3	333.9	148.4	69.6	46.4	32.5
10°	3617.2	2773.2	2031.2	1535.0	1043.4	565.8	352.4	166.9	74.2	46.4	32.5
7.5°	3807.3	2865.9	2096.1	1562.8	1071.3	602.9	361.7	185.5	74.2	51.0	32.5
5°	3937.2	2926.2	2188.9	1581.4	1085.2	644.6	375.6	208.7	78.8	51.0	32.5
2.5°	4048.5	2963.3	2286.3	1595.3	1089.8	667.8	371.0	222.6	83.5	51.0	32.5
0°	4099.5	2963.3	2351.2	1586.0	1075.9	691.0	371.0	236.5	83.5	51.0	32.5
-2.5°	4020.7	3046.8	2332.6	1590.6	1080.5	691.0	389.5	241.1	92.7	55.6	32.5
-5°	3895.5	3079.3	2277.0	1567.5	1071.3	691.0	412.7	245.8	97.4	55.6	37.1
-7.5°	3774.9	3093.2	2212.1	1544.3	1057.3	672.4	417.4	241.1	106.7	60.3	37.1
-10°	3617.2	2940.1	2128.6	1502.5	1029.5	658.5	426.6	241.1	111.3	60.3	37.1
-12.5°	3436.4	2754.6	2026.6	1442.2	997.1	644.6	431.3	241.1	115.9	64.9	37.1
-15°	3227.7	2564.5	1910.6	1377.3	950.7	626.1	422.0	236.5	120.6	64.9	41.7
-17.5°	2991.2	2379.0	1790.1	1298.5	899.7	602.9	403.5	231.9	120.6	64.9	41.7
-20°	2722.2	2193.5	1655.6	1219.7	839.4	575.0	384.9	222.6	120.6	64.9	41.7

REPORT NUMBER: P722441

CATALOG NUMBER: IFLD-M-SA4D-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°	2481.0	2021.9	1516.4	1131.5	774.5	542.6	361.7	213.3	120.6	69.6	41.7
-25°	2281.6	1855.0	1409.8	1043.4	704.9	505.5	338.5	204.0	120.6	69.6	41.7
-27.5°	2072.9	1674.1	1298.5	960.0	658.5	473.0	315.3	194.8	115.9	69.6	41.7
-30°	1859.6	1497.9	1182.6	867.2	612.1	440.6	296.8	180.9	115.9	69.6	41.7
-32.5°	1664.8	1354.1	1075.9	774.5	561.1	408.1	278.2	176.2	111.3	69.6	41.7
-35°	1474.7	1224.3	964.6	700.3	505.5	375.6	259.7	171.6	111.3	69.6	41.7
-37.5°	1317.0	1103.7	862.6	649.2	473.0	347.8	241.1	162.3	106.7	69.6	41.7
-40°	1187.2	992.4	765.2	593.6	445.2	320.0	222.6	157.7	106.7	69.6	41.7
-42.5°	1066.6	885.8	704.9	547.2	417.4	301.4	208.7	153.0	102.0	69.6	41.7
-45°	960.0	793.0	644.6	505.5	384.9	278.2	199.4	143.8	97.4	69.6	46.4
-47.5°	853.3	728.1	589.0	468.4	352.4	250.4	190.1	139.1	92.7	64.9	46.4
-50°	769.8	658.5	542.6	426.6	320.0	241.1	180.9	129.8	92.7	64.9	46.4
-52.5°	695.6	593.6	491.6	384.9	292.2	227.2	171.6	120.6	88.1	64.9	46.4
-55°	626.1	533.3	440.6	343.2	273.6	213.3	157.7	111.3	88.1	64.9	46.4
-57.5°	556.5	477.7	389.5	310.7	250.4	199.4	148.4	111.3	88.1	64.9	46.4
-60°	500.8	426.6	352.4	287.5	231.9	180.9	134.5	106.7	83.5	64.9	46.4
-62.5°	454.5	384.9	320.0	259.7	213.3	162.3	129.8	106.7	83.5	64.9	41.7
-65°	408.1	347.8	287.5	236.5	190.1	153.0	125.2	102.0	83.5	64.9	41.7
-67.5°	361.7	306.1	259.7	208.7	176.2	148.4	120.6	102.0	78.8	60.3	41.7
-70°	315.3	269.0	227.2	194.8	166.9	139.1	115.9	97.4	78.8	55.6	37.1
-72.5°	278.2	236.5	204.0	180.9	157.7	134.5	111.3	92.7	74.2	51.0	32.5
-75°	236.5	208.7	185.5	162.3	143.8	125.2	106.7	83.5	64.9	46.4	32.5
-77.5°	199.4	180.9	162.3	148.4	129.8	111.3	92.7	74.2	60.3	41.7	27.8
-80°	171.6	157.7	143.8	129.8	115.9	97.4	83.5	64.9	51.0	37.1	23.2
-82.5°	139.1	129.8	115.9	106.7	97.4	83.5	69.6	55.6	37.1	27.8	18.5
-85°	106.7	97.4	92.7	83.5	74.2	60.3	46.4	37.1	27.8	18.5	9.3
-87.5°	55.6	51.0	46.4	41.7	37.1	27.8	23.2	18.5	13.9	9.3	4.6
-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: P722441

CATALOG NUMBER: IFLD-M-SA4D-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°	4.6	0.0	0.0	0.0
77.5°	4.6	0.0	0.0	0.0
75°	4.6	4.6	0.0	0.0
72.5°	4.6	4.6	0.0	0.0
70°	4.6	4.6	0.0	0.0
67.5°	9.3	4.6	0.0	0.0
65°	9.3	4.6	0.0	0.0
62.5°	9.3	4.6	0.0	0.0
60°	9.3	4.6	0.0	0.0
57.5°	13.9	4.6	4.6	0.0
55°	13.9	4.6	4.6	0.0
52.5°	13.9	4.6	4.6	0.0
50°	13.9	9.3	4.6	0.0
47.5°	13.9	9.3	4.6	0.0
45°	13.9	9.3	4.6	0.0
42.5°	13.9	9.3	4.6	0.0
40°	18.5	9.3	4.6	0.0
37.5°	18.5	9.3	4.6	0.0
35°	18.5	9.3	4.6	0.0
32.5°	18.5	9.3	4.6	0.0
30°	18.5	9.3	4.6	0.0
27.5°	18.5	13.9	4.6	0.0
25°	18.5	13.9	4.6	0.0
22.5°	23.2	13.9	4.6	0.0
20°	23.2	13.9	4.6	0.0
17.5°	23.2	13.9	4.6	0.0
15°	23.2	13.9	4.6	0.0
12.5°	23.2	13.9	4.6	0.0
10°	23.2	13.9	4.6	0.0
7.5°	23.2	13.9	4.6	0.0
5°	23.2	13.9	4.6	0.0
2.5°	23.2	13.9	4.6	0.0
0°	23.2	13.9	4.6	0.0
-2.5°	23.2	13.9	4.6	0.0
-5°	23.2	13.9	4.6	0.0
-7.5°	23.2	13.9	4.6	0.0
-10°	23.2	13.9	4.6	0.0
-12.5°	27.8	13.9	4.6	0.0
-15°	27.8	13.9	4.6	0.0
-17.5°	27.8	13.9	4.6	0.0
-20°	27.8	13.9	4.6	0.0

REPORT NUMBER: P722441

CATALOG NUMBER: IFLD-M-SA4D-730-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	27.8	13.9	4.6	0.0
-25°	27.8	13.9	4.6	0.0
-27.5°	27.8	13.9	4.6	0.0
-30°	27.8	13.9	4.6	0.0
-32.5°	27.8	13.9	4.6	0.0
-35°	27.8	13.9	4.6	0.0
-37.5°	27.8	13.9	4.6	0.0
-40°	27.8	13.9	4.6	0.0
-42.5°	23.2	13.9	4.6	0.0
-45°	27.8	13.9	4.6	0.0
-47.5°	27.8	13.9	4.6	0.0
-50°	27.8	13.9	4.6	0.0
-52.5°	27.8	13.9	4.6	0.0
-55°	27.8	13.9	4.6	0.0
-57.5°	27.8	13.9	4.6	0.0
-60°	27.8	13.9	4.6	0.0
-62.5°	23.2	13.9	4.6	0.0
-65°	23.2	9.3	4.6	0.0
-67.5°	23.2	9.3	4.6	0.0
-70°	23.2	9.3	4.6	0.0
-72.5°	18.5	9.3	4.6	0.0
-75°	18.5	9.3	4.6	0.0
-77.5°	13.9	4.6	0.0	0.0
-80°	13.9	4.6	0.0	0.0
-82.5°	9.3	4.6	0.0	0.0
-85°	4.6	4.6	0.0	0.0
-87.5°	4.6	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)