

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: P722500

Luminaire Tested: **IFLD-M-SA4E-740-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722500
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-M-SA4E-740-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (64) 4000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	37020.3 lumens	Max Intensity:	25844.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	117.6 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:	23617.3 lumens	Field Lumens:	34901.8 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

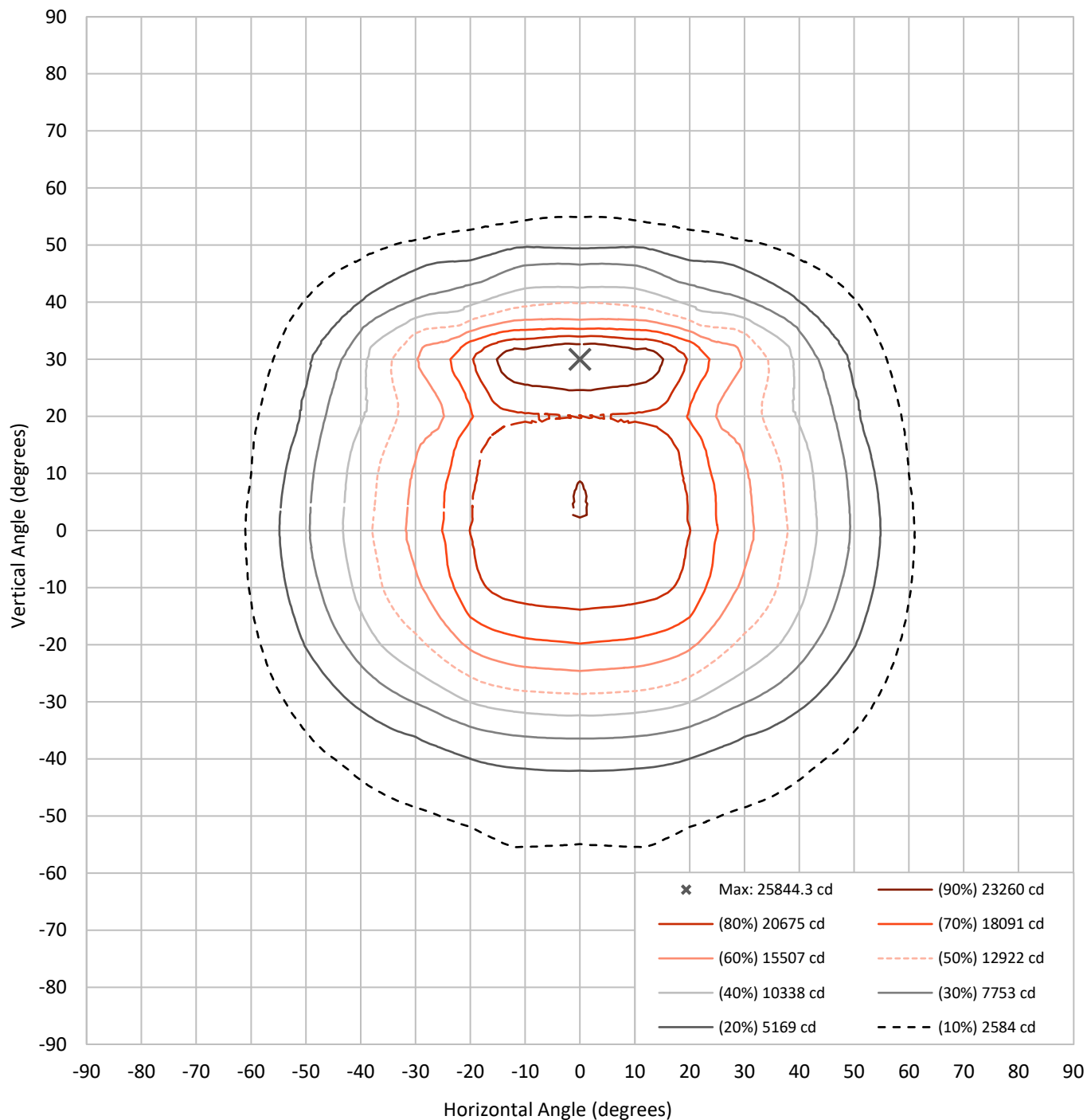
Input Watts (W): 314.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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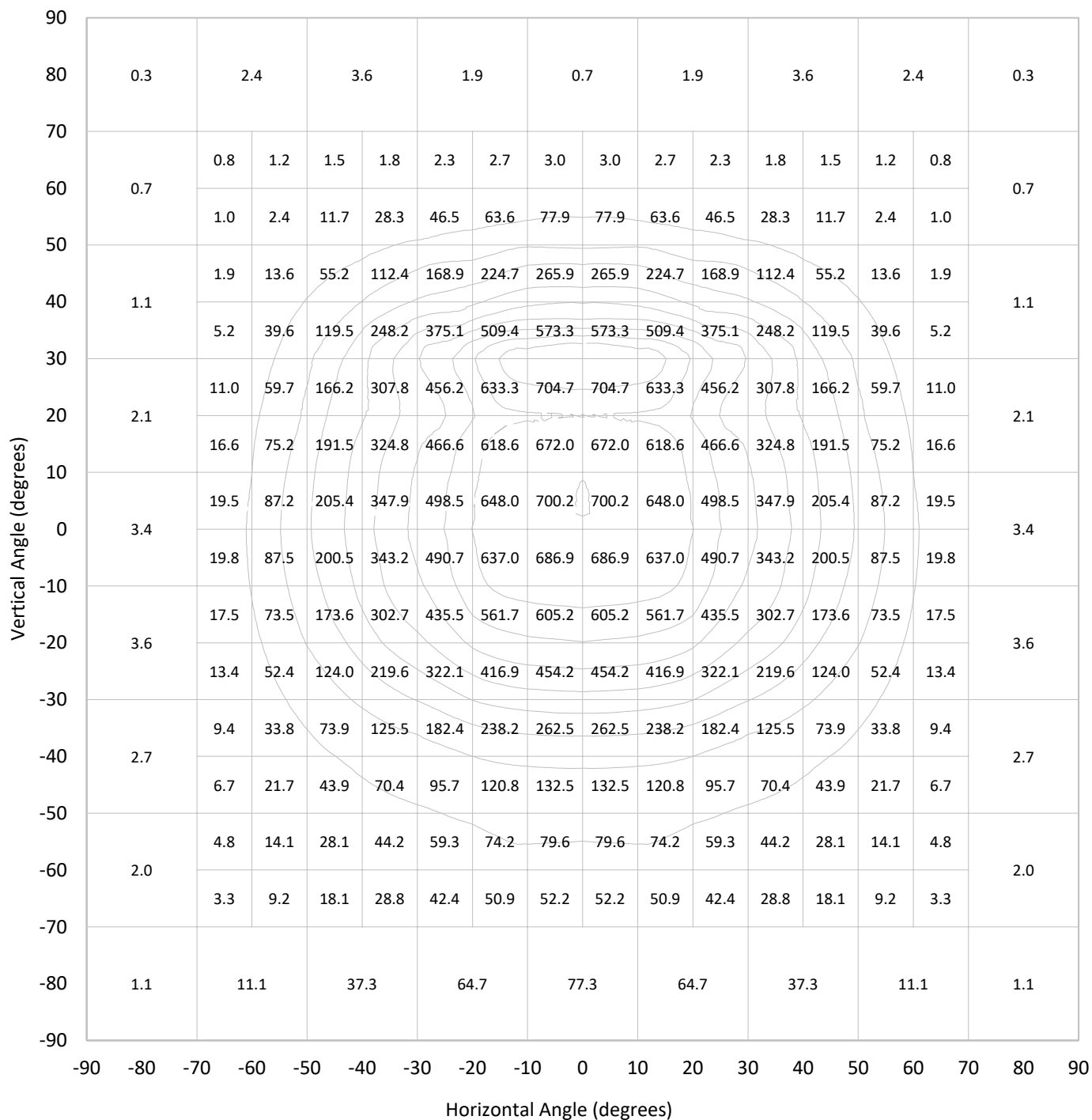
Iso-Candela Plot



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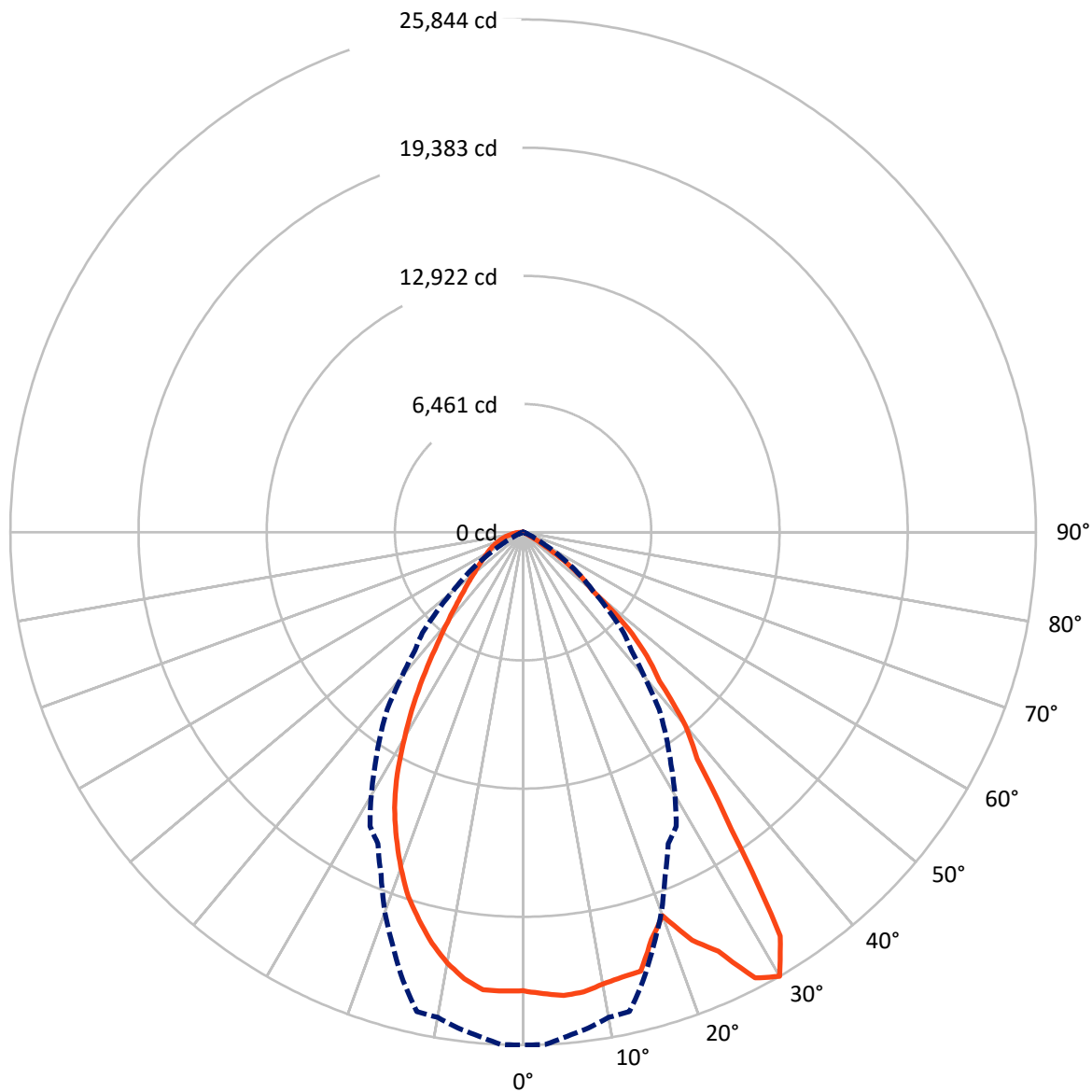
Lumen Table



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Luminous Intensity Polar Plot



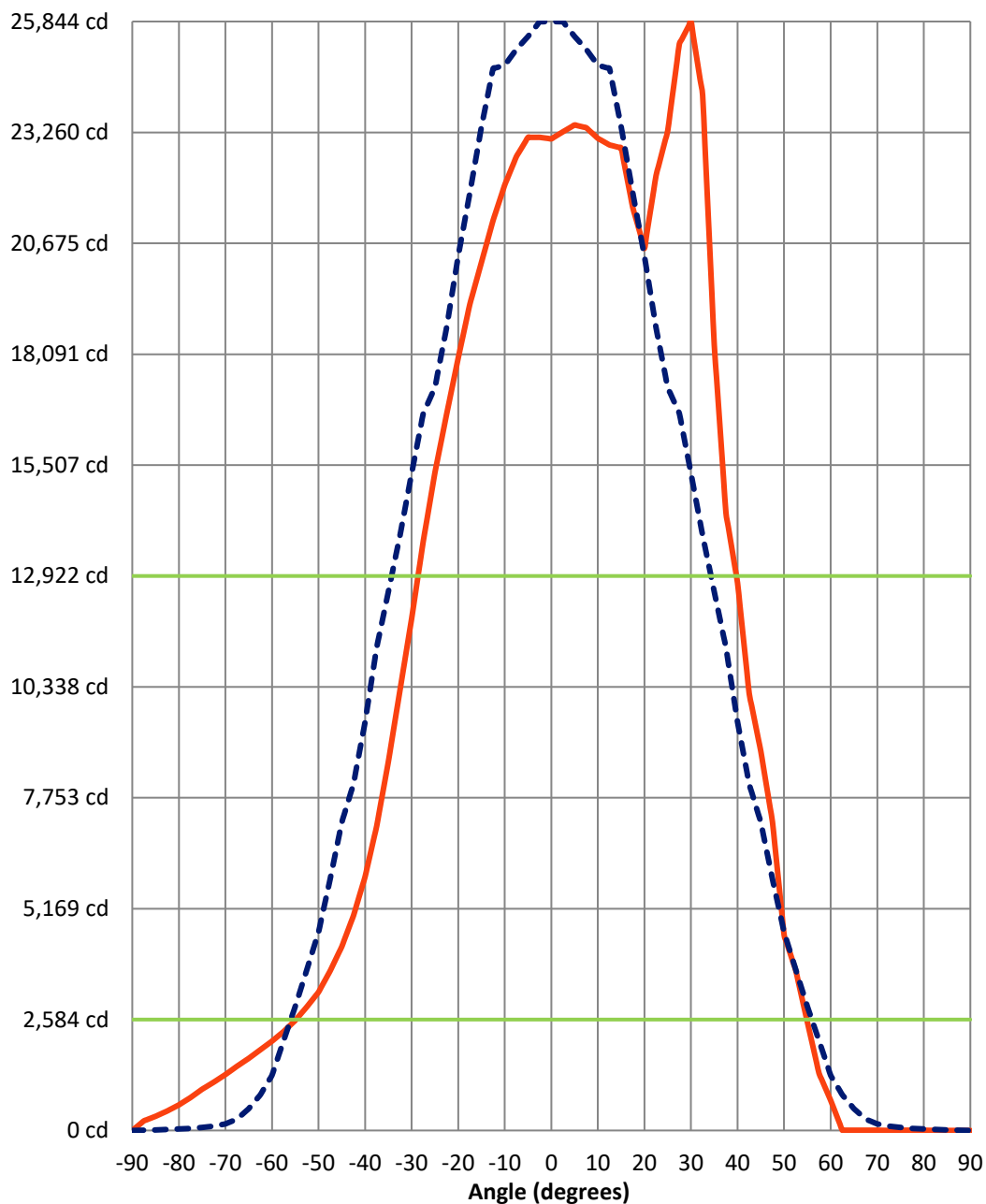
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 23617.3

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 34901.8

Efficiency: 94.3%

Spill:

Lumens: 2118.5

Efficiency: 5.7%

— Vertical Distribution through 0-Deg

- - - Horizontal Distribution through 30-Deg

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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	5.9	5.9	5.9	5.9	5.9	5.9	5.9
85°	0.0	5.9	5.9	5.9	11.8	11.8	11.8	11.8	11.8	11.8	17.7
82.5°	0.0	5.9	5.9	5.9	11.8	11.8	11.8	11.8	17.7	17.7	23.6
80°	5.9	5.9	5.9	5.9	11.8	11.8	11.8	17.7	17.7	23.6	23.6
77.5°	5.9	5.9	5.9	11.8	11.8	11.8	17.7	17.7	23.6	23.6	29.5
75°	5.9	5.9	5.9	11.8	11.8	17.7	17.7	17.7	23.6	23.6	29.5
72.5°	0.0	5.9	5.9	11.8	11.8	17.7	17.7	17.7	23.6	23.6	23.6
70°	5.9	5.9	5.9	11.8	11.8	17.7	17.7	17.7	23.6	23.6	23.6
67.5°	5.9	5.9	5.9	11.8	11.8	17.7	17.7	23.6	23.6	23.6	29.5
65°	5.9	5.9	5.9	11.8	17.7	17.7	23.6	29.5	29.5	35.4	41.3
62.5°	5.9	11.8	11.8	17.7	23.6	29.5	64.8	100.2	100.2	70.7	58.9
60°	701.4	760.3	754.4	683.7	595.3	501.0	483.3	465.6	430.2	377.2	394.9
57.5°	1332.0	1402.7	1432.2	1414.5	1367.4	1284.8	1237.7	1184.7	1113.9	1031.4	937.1
55°	2522.5	2552.0	2487.2	2363.4	2227.9	2092.3	2045.1	1974.4	1868.3	1762.2	1620.8
52.5°	3730.8	3831.0	3801.5	3677.7	3495.0	3253.4	2988.1	2781.9	2658.1	2540.2	2398.8
50°	4555.9	4597.2	4679.7	4827.0	4880.1	4715.0	4284.8	3730.8	3335.9	3536.3	3383.0
47.5°	7190.4	7396.7	7355.4	7249.4	7072.5	6624.6	6023.4	5528.4	5115.8	4980.2	5003.8
45°	8834.8	8917.3	8887.8	8840.7	8758.2	8339.7	7673.7	6913.4	6530.3	6377.1	6217.9
42.5°	10184.5	10272.9	10290.5	10296.4	10208.0	9824.9	9223.8	8463.5	8080.4	7638.3	7290.6
40°	12760.0	12889.7	12742.4	12547.9	12253.2	11817.0	11227.7	10526.3	9848.5	9306.3	8893.7
37.5°	14404.4	14563.5	14622.5	14610.7	14545.9	14357.3	13632.3	12966.3	11929.0	10714.9	10933.0
35°	18306.1	18471.1	18424.0	18247.2	18152.9	17952.5	17245.2	16455.4	15152.9	13832.7	13479.1
32.5°	24123.3	24482.8	23810.9	23074.2	22620.3	22779.5	22060.4	20127.3	19526.1	17145.0	16042.9
30°	25844.3	25838.4	25496.5	25195.9	24824.6	24748.0	23392.4	21848.3	20374.8	18706.9	17315.9
27.5°	25319.7	25213.6	24924.8	24706.7	24359.0	24176.3	22850.2	21624.3	19921.0	18429.9	17086.1
25°	23298.1	23380.6	23086.0	23044.7	22909.1	22555.5	21895.4	20516.3	18995.7	17345.4	16378.8
22.5°	22254.9	22225.5	21871.8	21665.6	21830.6	21453.4	21188.2	19797.2	18211.8	16820.9	15659.8
20°	20557.5	20563.4	20475.0	20457.3	20357.1	20186.2	19974.0	18989.8	17870.0	16679.4	15282.6
17.5°	21506.4	21748.1	21854.2	20976.0	21223.5	21029.0	20805.1	19431.8	18589.0	17534.0	15712.8
15°	22897.4	22809.0	22702.9	22655.7	22520.2	22337.4	21930.8	20834.5	19384.7	18294.3	16873.9
12.5°	22968.1	22797.2	22755.9	22750.0	22608.6	22355.1	21960.2	21052.6	19767.8	18441.7	17286.5
10°	23121.3	22944.5	22920.9	22950.4	22732.3	22573.2	22178.3	21335.5	19885.6	18695.1	17604.7
7.5°	23368.9	23074.2	23209.7	23121.3	23021.1	22767.7	22343.3	21518.2	20315.9	19031.0	17887.6
5°	23433.7	23109.5	23256.9	23174.4	23027.0	22779.5	22319.8	21636.1	20581.1	19166.6	17999.6
2.5°	23274.6	23180.3	23115.4	22962.2	22897.4	22626.2	22190.1	21459.3	20457.3	19107.7	17976.0
0°	23109.5	23192.0	23044.7	22891.5	22862.0	22643.9	22272.6	21612.5	20746.1	19272.7	18176.4
-2.5°	23144.9	23080.1	22979.9	22820.7	22667.5	22355.1	22019.2	21400.3	20469.1	18913.2	17893.5
-5°	23144.9	22844.3	22856.1	22862.0	22708.8	22384.6	21977.9	21453.4	20304.1	18907.3	17811.0
-7.5°	22697.0	22437.6	22396.4	22361.0	22319.8	22019.2	21700.9	21046.7	20027.1	18754.0	17581.2
-10°	22036.9	21783.4	21807.0	21754.0	21624.3	21423.9	21182.3	20592.9	19756.0	18270.7	17115.6
-12.5°	21211.7	21099.8	21034.9	20946.5	20816.9	20640.0	20392.5	19838.5	18942.6	17675.5	16579.2
-15°	20233.4	20150.9	20091.9	20038.9	19850.3	19667.6	19343.4	18830.6	18270.7	16909.3	15789.5
-17.5°	19255.0	19048.7	18966.2	18895.5	18771.7	18477.0	18182.3	17799.2	17015.4	15936.8	14976.1
-20°	17999.6	17875.9	17775.7	17681.4	17504.5	17274.7	17033.0	16591.0	15913.2	15040.9	14044.9

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CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	16685.3	16614.6	16532.1	16414.2	16296.3	16078.2	15742.3	15317.9	14787.5	13844.5	12913.3
-25°	15329.7	15194.2	15094.0	14982.0	14887.7	14687.3	14363.2	13956.5	13290.5	12477.1	11699.2
-27.5°	13732.5	13602.9	13549.8	13420.2	13337.6	13154.9	12830.8	12453.6	11852.4	11168.7	10379.0
-30°	11929.0	11952.6	11893.7	11769.9	11669.7	11433.9	11186.4	10868.1	10396.6	9742.4	9035.2
-32.5°	10261.1	10290.5	10219.8	10090.2	9960.5	9789.6	9559.7	9270.9	8917.3	8292.6	7679.6
-35°	8593.1	8581.4	8522.4	8445.8	8357.4	8215.9	7956.6	7738.5	7331.9	6895.7	6471.4
-37.5°	7096.1	7125.6	7107.9	7066.6	6966.5	6848.6	6636.4	6436.0	6135.4	5752.3	5422.3
-40°	5911.5	5946.8	5923.3	5882.0	5793.6	5722.9	5581.4	5404.6	5163.0	4832.9	4555.9
-42.5°	5003.8	5027.4	4997.9	4962.6	4885.9	4832.9	4720.9	4573.6	4373.2	4119.8	3872.2
-45°	4284.8	4290.7	4261.2	4237.6	4178.7	4113.9	4019.6	3901.7	3742.6	3565.7	3365.4
-47.5°	3719.0	3713.1	3683.6	3660.0	3612.9	3554.0	3477.3	3371.2	3247.5	3111.9	2952.8
-50°	3223.9	3253.4	3241.6	3218.0	3182.6	3141.4	3064.8	2952.8	2829.0	2728.8	2616.8
-52.5°	2882.1	2888.0	2882.1	2882.1	2876.2	2846.7	2758.3	2646.3	2510.8	2422.3	2328.0
-55°	2563.8	2593.3	2605.1	2616.8	2622.7	2622.7	2516.6	2398.8	2269.1	2180.7	2110.0
-57.5°	2304.5	2322.2	2333.9	2363.4	2387.0	2404.7	2310.4	2204.3	2104.1	2021.6	1956.7
-60°	2080.5	2104.1	2121.8	2151.2	2168.9	2180.7	2121.8	2051.0	1992.1	1939.1	1844.8
-62.5°	1880.1	1897.8	1915.5	1933.2	1950.8	1962.6	1939.1	1903.7	1874.2	1850.6	1732.8
-65°	1679.7	1697.4	1715.1	1738.7	1756.3	1768.1	1762.2	1738.7	1715.1	1691.5	1585.4
-67.5°	1497.0	1514.7	1538.3	1544.2	1556.0	1561.9	1550.1	1532.4	1502.9	1473.4	1390.9
-70°	1302.5	1314.3	1326.1	1326.1	1326.1	1320.2	1308.4	1284.8	1255.4	1214.1	1149.3
-72.5°	1125.7	1137.5	1149.3	1131.6	1119.8	1102.1	1084.5	1055.0	1025.5	996.0	960.7
-75°	960.7	966.6	966.6	943.0	925.3	907.6	884.1	866.4	836.9	813.3	783.9
-77.5°	766.2	766.2	766.2	748.5	736.7	724.9	707.3	689.6	666.0	648.3	624.7
-80°	595.3	595.3	595.3	589.4	571.7	559.9	548.1	536.3	518.7	506.9	495.1
-82.5°	453.8	453.8	453.8	447.9	436.1	430.2	418.5	406.7	400.8	389.0	383.1
-85°	330.1	335.9	335.9	330.1	324.2	312.4	306.5	300.6	294.7	288.8	277.0
-87.5°	224.0	224.0	224.0	218.1	212.2	212.2	206.3	194.5	182.7	176.8	170.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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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°	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9
85°	17.7	17.7	17.7	23.6	23.6	23.6	23.6	23.6	23.6	23.6	17.7
82.5°	29.5	29.5	35.4	35.4	41.3	41.3	41.3	41.3	41.3	41.3	41.3
80°	29.5	35.4	41.3	47.2	53.0	58.9	58.9	58.9	58.9	53.0	53.0
77.5°	35.4	35.4	41.3	47.2	53.0	58.9	64.8	70.7	64.8	64.8	64.8
75°	35.4	41.3	41.3	47.2	53.0	58.9	64.8	70.7	70.7	70.7	70.7
72.5°	29.5	35.4	41.3	47.2	47.2	53.0	58.9	58.9	64.8	64.8	70.7
70°	29.5	35.4	41.3	41.3	47.2	47.2	53.0	58.9	58.9	64.8	64.8
67.5°	35.4	41.3	41.3	47.2	53.0	53.0	53.0	58.9	58.9	64.8	64.8
65°	41.3	47.2	47.2	53.0	58.9	58.9	64.8	64.8	64.8	70.7	70.7
62.5°	70.7	70.7	70.7	64.8	70.7	70.7	70.7	76.6	76.6	70.7	76.6
60°	365.4	265.2	182.7	229.9	206.3	94.3	94.3	94.3	88.4	88.4	82.5
57.5°	860.5	801.6	689.6	583.5	524.5	465.6	288.8	117.9	117.9	106.1	94.3
55°	1438.1	1243.6	1161.1	1019.6	866.4	795.7	660.1	447.9	212.2	141.5	123.8
52.5°	2227.9	2045.1	1833.0	1544.2	1337.9	1172.9	1060.9	842.8	565.8	300.6	188.6
50°	2982.3	2899.7	2770.1	2487.2	2056.9	1779.9	1597.2	1349.7	1013.7	618.8	353.6
47.5°	4803.4	4113.9	3695.4	3477.3	3117.8	2593.3	2239.6	1962.6	1556.0	1043.2	624.7
45°	6047.0	5610.9	4944.9	4485.2	3954.7	3400.7	2941.0	2622.7	2139.4	1561.9	978.4
42.5°	7113.8	6736.6	6135.4	5463.5	4903.6	4178.7	3589.3	3170.9	2764.2	2133.6	1461.7
40°	8487.1	8039.1	7461.5	6807.3	6153.1	5227.8	4273.0	3766.1	3318.2	2758.3	1974.4
37.5°	10750.3	9960.5	9017.5	8292.6	7438.0	6654.1	5345.7	4449.8	3919.4	3335.9	2575.6
35°	13473.2	12606.8	11033.2	10072.5	8929.1	7762.1	6583.4	5257.3	4502.9	3884.0	3129.6
32.5°	16007.5	14740.4	12724.7	11599.0	10838.7	8687.4	7467.4	6318.1	5104.0	4343.7	3447.9
30°	16708.9	15312.1	13868.1	12553.8	11257.1	9518.5	8074.5	7178.6	5858.4	4620.7	3748.4
27.5°	16001.6	15040.9	13921.1	12701.1	11298.4	9807.3	8445.8	7591.2	6412.4	4809.3	3984.2
25°	15282.6	14280.6	13496.8	12477.1	11180.5	9789.6	8457.6	7850.5	6842.7	5174.7	4113.9
22.5°	14522.3	13897.5	13249.2	12111.7	10885.8	9842.6	8840.7	8074.5	7066.6	5587.3	4166.9
20°	14563.5	14156.9	13443.7	11923.1	10832.8	10155.0	9300.4	8357.4	7308.3	5946.8	4208.2
17.5°	15223.6	14693.2	13797.4	12477.1	11310.2	10473.3	9683.5	8746.4	7555.8	6265.1	4709.1
15°	16037.0	15229.5	14292.4	13131.4	11811.1	10821.0	9978.2	9017.5	7838.7	6559.8	5157.1
12.5°	16626.4	15477.1	14598.9	13549.8	12353.4	11198.2	10172.7	9223.8	8104.0	6801.4	5493.0
10°	16826.8	15783.6	14746.3	13809.1	12630.4	11398.6	10320.0	9353.4	8333.8	6990.0	5740.5
7.5°	16932.8	16048.8	14846.4	13927.0	12795.4	11522.4	10437.9	9424.2	8516.5	7119.7	5899.7
5°	16921.1	16190.2	14923.1	13962.4	12883.8	11575.4	10520.4	9441.8	8646.2	7231.7	5994.0
2.5°	16868.0	16284.5	15046.8	14021.3	13060.6	11675.6	10679.5	9477.2	8693.3	7355.4	6058.8
0°	17062.5	16290.4	15176.5	14039.0	13178.5	11711.0	10750.3	9447.7	8628.5	7390.8	6052.9
-2.5°	16644.1	15942.7	15147.0	13885.8	13019.4	11628.4	10620.6	9353.4	8487.1	7349.6	6029.3
-5°	16573.3	15689.3	14899.5	13744.3	12754.2	11457.5	10379.0	9176.6	8263.1	7214.0	5935.0
-7.5°	16384.7	15447.6	14657.8	13632.3	12506.6	11280.7	10149.1	8993.9	8021.4	7001.8	5799.5
-10°	15972.2	15076.3	14398.5	13390.7	12206.0	11027.3	9872.1	8752.3	7738.5	6713.0	5587.3
-12.5°	15382.8	14486.9	13815.0	12877.9	11828.8	10685.4	9542.0	8439.9	7414.4	6406.5	5333.9
-15°	14716.8	13809.1	13137.2	12282.6	11268.9	10155.0	9123.6	8045.0	7043.1	6082.4	5033.3
-17.5°	13962.4	13101.9	12453.6	11622.5	10614.7	9553.8	8528.3	7549.9	6612.8	5746.4	4685.6
-20°	13090.1	12253.2	11657.9	10826.9	9901.6	8870.1	7874.1	6948.8	6106.0	5292.6	4302.5

REPORT NUMBER: P722500

CATALOG NUMBER: IFLD-M-SA4E-740-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°	12011.5	11274.8	10597.0	9854.4	9047.0	8104.0	7178.6	6359.4	5551.9	4756.3	3907.6
-25°	10909.4	10196.2	9536.1	8858.4	8086.3	7272.9	6483.2	5740.5	4950.8	4231.7	3524.5
-27.5°	9683.5	9047.0	8457.6	7832.8	7125.6	6424.2	5775.9	5051.0	4367.3	3754.3	3147.3
-30°	8375.1	7856.4	7343.7	6789.6	6217.9	5628.6	5051.0	4367.3	3831.0	3341.8	2829.0
-32.5°	7119.7	6654.1	6241.5	5829.0	5333.9	4850.6	4337.8	3831.0	3383.0	2952.8	2522.5
-35°	6017.6	5522.5	5292.6	4962.6	4567.7	4131.5	3713.1	3359.5	2999.9	2610.9	2227.9
-37.5°	5062.8	4744.5	4473.4	4225.8	3913.5	3536.3	3235.7	2946.9	2646.3	2292.7	1962.6
-40°	4314.3	4084.4	3813.3	3630.6	3377.1	3106.0	2805.4	2563.8	2310.4	2021.6	1750.5
-42.5°	3713.1	3524.5	3347.7	3153.2	2964.6	2734.7	2475.4	2245.5	2015.7	1803.5	1579.5
-45°	3218.0	3082.4	2941.0	2781.9	2616.8	2416.5	2204.3	1968.5	1803.5	1614.9	1426.3
-47.5°	2811.3	2711.1	2593.3	2469.5	2328.0	2151.2	1956.7	1785.8	1614.9	1455.8	1273.1
-50°	2487.2	2392.9	2298.6	2192.5	2068.7	1915.5	1768.1	1609.0	1449.9	1296.6	1125.7
-52.5°	2216.1	2133.6	2056.9	1968.5	1850.6	1721.0	1585.4	1444.0	1296.6	1143.4	1007.8
-55°	2027.5	1933.2	1856.5	1768.1	1662.0	1538.3	1414.5	1284.8	1143.4	1025.5	913.5
-57.5°	1874.2	1768.1	1679.7	1585.4	1479.3	1373.3	1261.3	1143.4	1037.3	925.3	819.2
-60°	1744.6	1620.8	1520.6	1426.3	1326.1	1225.9	1131.6	1031.4	931.2	831.0	724.9
-62.5°	1609.0	1479.3	1355.6	1267.2	1190.5	1102.1	1019.6	925.3	836.9	736.7	660.1
-65°	1455.8	1332.0	1214.1	1137.5	1066.8	990.2	913.5	831.0	754.4	677.8	607.1
-67.5°	1284.8	1178.8	1096.2	1025.5	954.8	890.0	819.2	748.5	683.7	607.1	536.3
-70°	1078.6	1019.6	972.5	919.4	854.6	795.7	730.8	666.0	595.3	530.4	465.6
-72.5°	919.4	884.1	848.7	795.7	736.7	683.7	630.6	571.7	512.8	453.8	400.8
-75°	754.4	724.9	695.5	660.1	613.0	571.7	524.5	471.5	424.4	383.1	341.8
-77.5°	607.1	583.5	565.8	536.3	501.0	465.6	436.1	400.8	365.4	324.2	282.9
-80°	483.3	471.5	465.6	453.8	424.4	394.9	371.3	341.8	306.5	277.0	247.5
-82.5°	377.2	377.2	371.3	365.4	341.8	318.3	300.6	277.0	253.4	229.9	200.4
-85°	277.0	271.1	271.1	265.2	247.5	235.8	218.1	206.3	188.6	165.0	153.2
-87.5°	165.0	159.1	153.2	147.3	135.6	129.7	117.9	112.0	100.2	88.4	82.5
-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: P722500

CATALOG NUMBER: IFLD-M-SA4E-740-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°	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	0.0	0.0
85°	17.7	11.8	11.8	11.8	11.8	11.8	5.9	5.9	5.9	5.9	5.9
82.5°	35.4	35.4	29.5	29.5	23.6	17.7	11.8	11.8	11.8	5.9	5.9
80°	53.0	53.0	53.0	47.2	41.3	29.5	23.6	17.7	11.8	5.9	5.9
77.5°	64.8	58.9	58.9	53.0	53.0	47.2	35.4	29.5	17.7	11.8	5.9
75°	64.8	64.8	64.8	58.9	58.9	53.0	47.2	35.4	29.5	17.7	11.8
72.5°	70.7	64.8	64.8	64.8	58.9	53.0	47.2	41.3	35.4	23.6	11.8
70°	64.8	64.8	64.8	64.8	58.9	58.9	47.2	41.3	41.3	23.6	17.7
67.5°	64.8	64.8	64.8	58.9	58.9	53.0	47.2	41.3	41.3	29.5	17.7
65°	70.7	64.8	64.8	64.8	58.9	53.0	47.2	41.3	41.3	35.4	23.6
62.5°	76.6	70.7	70.7	64.8	58.9	53.0	47.2	41.3	41.3	35.4	23.6
60°	82.5	76.6	70.7	70.7	64.8	58.9	47.2	47.2	41.3	35.4	23.6
57.5°	88.4	82.5	82.5	76.6	70.7	64.8	53.0	47.2	41.3	35.4	29.5
55°	106.1	94.3	88.4	88.4	82.5	70.7	58.9	47.2	41.3	35.4	29.5
52.5°	141.5	112.0	100.2	100.2	94.3	82.5	64.8	53.0	41.3	35.4	29.5
50°	224.0	141.5	117.9	106.1	106.1	94.3	76.6	58.9	41.3	35.4	29.5
47.5°	353.6	235.8	141.5	123.8	117.9	112.0	88.4	58.9	47.2	35.4	29.5
45°	583.5	347.7	229.9	147.3	123.8	117.9	100.2	64.8	47.2	41.3	29.5
42.5°	801.6	542.2	353.6	176.8	147.3	129.7	106.1	70.7	53.0	41.3	29.5
40°	1261.3	742.6	495.1	288.8	170.9	135.6	117.9	82.5	53.0	41.3	29.5
37.5°	1709.2	984.3	666.0	424.4	194.5	153.2	123.8	88.4	58.9	41.3	35.4
35°	2157.1	1379.1	825.1	565.8	259.3	182.7	129.7	94.3	58.9	41.3	35.4
32.5°	2557.9	1750.5	990.2	707.3	389.0	218.1	141.5	100.2	64.8	47.2	35.4
30°	2888.0	2092.3	1284.8	831.0	506.9	265.2	153.2	100.2	70.7	47.2	35.4
27.5°	3135.5	2357.5	1585.4	960.7	607.1	312.4	176.8	112.0	70.7	47.2	35.4
25°	3335.9	2563.8	1850.6	1096.2	695.5	389.0	212.2	117.9	76.6	53.0	35.4
22.5°	3495.0	2734.7	2068.7	1279.0	801.6	465.6	259.3	129.7	76.6	53.0	35.4
20°	3713.1	2905.6	2216.1	1473.4	913.5	536.3	300.6	141.5	76.6	53.0	41.3
17.5°	3901.7	3076.6	2333.9	1638.5	1025.5	589.4	347.7	153.2	82.5	53.0	41.3
15°	4119.8	3241.6	2440.0	1768.1	1131.6	636.5	389.0	165.0	82.5	58.9	41.3
12.5°	4355.5	3394.8	2516.6	1874.2	1243.6	677.8	424.4	188.6	88.4	58.9	41.3
10°	4597.2	3524.5	2581.5	1950.8	1326.1	719.0	447.9	212.2	94.3	58.9	41.3
7.5°	4838.8	3642.4	2664.0	1986.2	1361.5	766.2	459.7	235.8	94.3	64.8	41.3
5°	5003.8	3719.0	2781.9	2009.8	1379.1	819.2	477.4	265.2	100.2	64.8	41.3
2.5°	5145.3	3766.1	2905.6	2027.5	1385.0	848.7	471.5	282.9	106.1	64.8	41.3
0°	5210.1	3766.1	2988.1	2015.7	1367.4	878.2	471.5	300.6	106.1	64.8	41.3
-2.5°	5109.9	3872.2	2964.6	2021.6	1373.3	878.2	495.1	306.5	117.9	70.7	41.3
-5°	4950.8	3913.5	2893.8	1992.1	1361.5	878.2	524.5	312.4	123.8	70.7	47.2
-7.5°	4797.5	3931.2	2811.3	1962.6	1343.8	854.6	530.4	306.5	135.6	76.6	47.2
-10°	4597.2	3736.7	2705.2	1909.6	1308.4	836.9	542.2	306.5	141.5	76.6	47.2
-12.5°	4367.3	3500.9	2575.6	1833.0	1267.2	819.2	548.1	306.5	147.3	82.5	47.2
-15°	4102.1	3259.3	2428.2	1750.5	1208.2	795.7	536.3	300.6	153.2	82.5	53.0
-17.5°	3801.5	3023.5	2275.0	1650.3	1143.4	766.2	512.8	294.7	153.2	82.5	53.0
-20°	3459.7	2787.8	2104.1	1550.1	1066.8	730.8	489.2	282.9	153.2	82.5	53.0

REPORT NUMBER: P722500

CATALOG NUMBER: IFLD-M-SA4E-740-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	3153.2	2569.7	1927.3	1438.1	984.3	689.6	459.7	271.1	153.2	88.4	53.0
-25°	2899.7	2357.5	1791.7	1326.1	895.9	642.4	430.2	259.3	153.2	88.4	53.0
-27.5°	2634.5	2127.7	1650.3	1220.0	836.9	601.2	400.8	247.5	147.3	88.4	53.0
-30°	2363.4	1903.7	1502.9	1102.1	778.0	559.9	377.2	229.9	147.3	88.4	53.0
-32.5°	2115.9	1721.0	1367.4	984.3	713.1	518.7	353.6	224.0	141.5	88.4	53.0
-35°	1874.2	1556.0	1225.9	890.0	642.4	477.4	330.1	218.1	141.5	88.4	53.0
-37.5°	1673.8	1402.7	1096.2	825.1	601.2	442.0	306.5	206.3	135.6	88.4	53.0
-40°	1508.8	1261.3	972.5	754.4	565.8	406.7	282.9	200.4	135.6	88.4	53.0
-42.5°	1355.6	1125.7	895.9	695.5	530.4	383.1	265.2	194.5	129.7	88.4	53.0
-45°	1220.0	1007.8	819.2	642.4	489.2	353.6	253.4	182.7	123.8	88.4	58.9
-47.5°	1084.5	925.3	748.5	595.3	447.9	318.3	241.6	176.8	117.9	82.5	58.9
-50°	978.4	836.9	689.6	542.2	406.7	306.5	229.9	165.0	117.9	82.5	58.9
-52.5°	884.1	754.4	624.7	489.2	371.3	288.8	218.1	153.2	112.0	82.5	58.9
-55°	795.7	677.8	559.9	436.1	347.7	271.1	200.4	141.5	112.0	82.5	58.9
-57.5°	707.3	607.1	495.1	394.9	318.3	253.4	188.6	141.5	112.0	82.5	58.9
-60°	636.5	542.2	447.9	365.4	294.7	229.9	170.9	135.6	106.1	82.5	58.9
-62.5°	577.6	489.2	406.7	330.1	271.1	206.3	165.0	135.6	106.1	82.5	53.0
-65°	518.7	442.0	365.4	300.6	241.6	194.5	159.1	129.7	106.1	82.5	53.0
-67.5°	459.7	389.0	330.1	265.2	224.0	188.6	153.2	129.7	100.2	76.6	53.0
-70°	400.8	341.8	288.8	247.5	212.2	176.8	147.3	123.8	100.2	70.7	47.2
-72.5°	353.6	300.6	259.3	229.9	200.4	170.9	141.5	117.9	94.3	64.8	41.3
-75°	300.6	265.2	235.8	206.3	182.7	159.1	135.6	106.1	82.5	58.9	41.3
-77.5°	253.4	229.9	206.3	188.6	165.0	141.5	117.9	94.3	76.6	53.0	35.4
-80°	218.1	200.4	182.7	165.0	147.3	123.8	106.1	82.5	64.8	47.2	29.5
-82.5°	176.8	165.0	147.3	135.6	123.8	106.1	88.4	70.7	47.2	35.4	23.6
-85°	135.6	123.8	117.9	106.1	94.3	76.6	58.9	47.2	35.4	23.6	11.8
-87.5°	70.7	64.8	58.9	53.0	47.2	35.4	29.5	23.6	17.7	11.8	5.9
-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: P722500

CATALOG NUMBER: IFLD-M-SA4E-740-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°	5.9	0.0	0.0	0.0
77.5°	5.9	0.0	0.0	0.0
75°	5.9	5.9	0.0	0.0
72.5°	5.9	5.9	0.0	0.0
70°	5.9	5.9	0.0	0.0
67.5°	11.8	5.9	0.0	0.0
65°	11.8	5.9	0.0	0.0
62.5°	11.8	5.9	0.0	0.0
60°	11.8	5.9	0.0	0.0
57.5°	17.7	5.9	5.9	0.0
55°	17.7	5.9	5.9	0.0
52.5°	17.7	5.9	5.9	0.0
50°	17.7	11.8	5.9	0.0
47.5°	17.7	11.8	5.9	0.0
45°	17.7	11.8	5.9	0.0
42.5°	17.7	11.8	5.9	0.0
40°	23.6	11.8	5.9	0.0
37.5°	23.6	11.8	5.9	0.0
35°	23.6	11.8	5.9	0.0
32.5°	23.6	11.8	5.9	0.0
30°	23.6	11.8	5.9	0.0
27.5°	23.6	17.7	5.9	0.0
25°	23.6	17.7	5.9	0.0
22.5°	29.5	17.7	5.9	0.0
20°	29.5	17.7	5.9	0.0
17.5°	29.5	17.7	5.9	0.0
15°	29.5	17.7	5.9	0.0
12.5°	29.5	17.7	5.9	0.0
10°	29.5	17.7	5.9	0.0
7.5°	29.5	17.7	5.9	0.0
5°	29.5	17.7	5.9	0.0
2.5°	29.5	17.7	5.9	0.0
0°	29.5	17.7	5.9	0.0
-2.5°	29.5	17.7	5.9	0.0
-5°	29.5	17.7	5.9	0.0
-7.5°	29.5	17.7	5.9	0.0
-10°	29.5	17.7	5.9	0.0
-12.5°	35.4	17.7	5.9	0.0
-15°	35.4	17.7	5.9	0.0
-17.5°	35.4	17.7	5.9	0.0
-20°	35.4	17.7	5.9	0.0



REPORT NUMBER: P722500

CATALOG NUMBER: IFLD-M-SA4E-740-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	35.4	17.7	5.9	0.0
-25°	35.4	17.7	5.9	0.0
-27.5°	35.4	17.7	5.9	0.0
-30°	35.4	17.7	5.9	0.0
-32.5°	35.4	17.7	5.9	0.0
-35°	35.4	17.7	5.9	0.0
-37.5°	35.4	17.7	5.9	0.0
-40°	35.4	17.7	5.9	0.0
-42.5°	29.5	17.7	5.9	0.0
-45°	35.4	17.7	5.9	0.0
-47.5°	35.4	17.7	5.9	0.0
-50°	35.4	17.7	5.9	0.0
-52.5°	35.4	17.7	5.9	0.0
-55°	35.4	17.7	5.9	0.0
-57.5°	35.4	17.7	5.9	0.0
-60°	35.4	17.7	5.9	0.0
-62.5°	29.5	17.7	5.9	0.0
-65°	29.5	11.8	5.9	0.0
-67.5°	29.5	11.8	5.9	0.0
-70°	29.5	11.8	5.9	0.0
-72.5°	23.6	11.8	5.9	0.0
-75°	23.6	11.8	5.9	0.0
-77.5°	17.7	5.9	0.0	0.0
-80°	17.7	5.9	0.0	0.0
-82.5°	11.8	5.9	0.0	0.0
-85°	5.9	5.9	0.0	0.0
-87.5°	5.9	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)