

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: P722557

Luminaire Tested: **IFLD-M-SA4D-760-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722557
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-M-SA4D-760-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (64) 5700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	32721.3 lumens	Max Intensity:	22843.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	131.0 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:	20874.7 lumens	Field Lumens:	30848.8 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

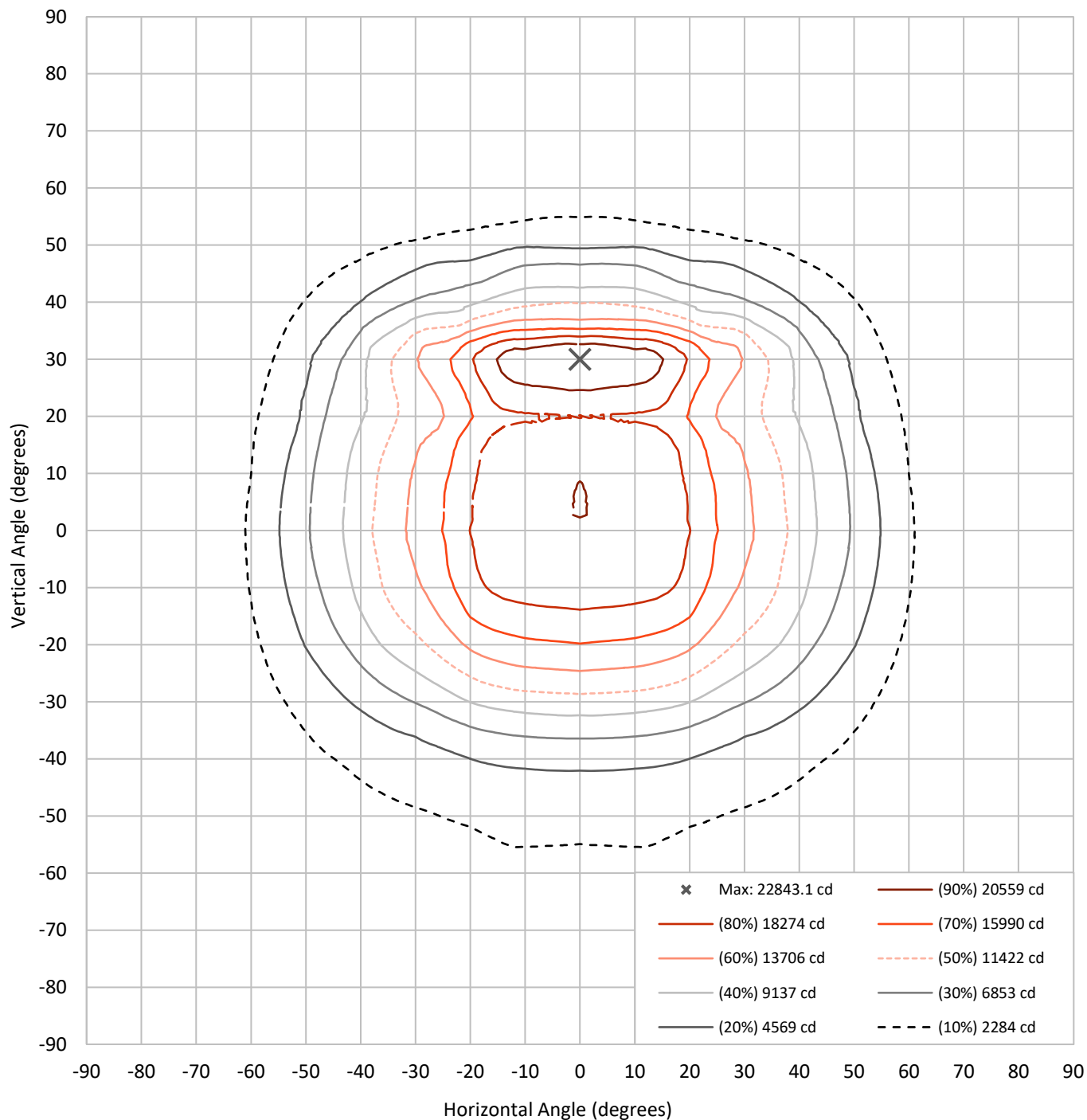
Input Watts (W): 249.7
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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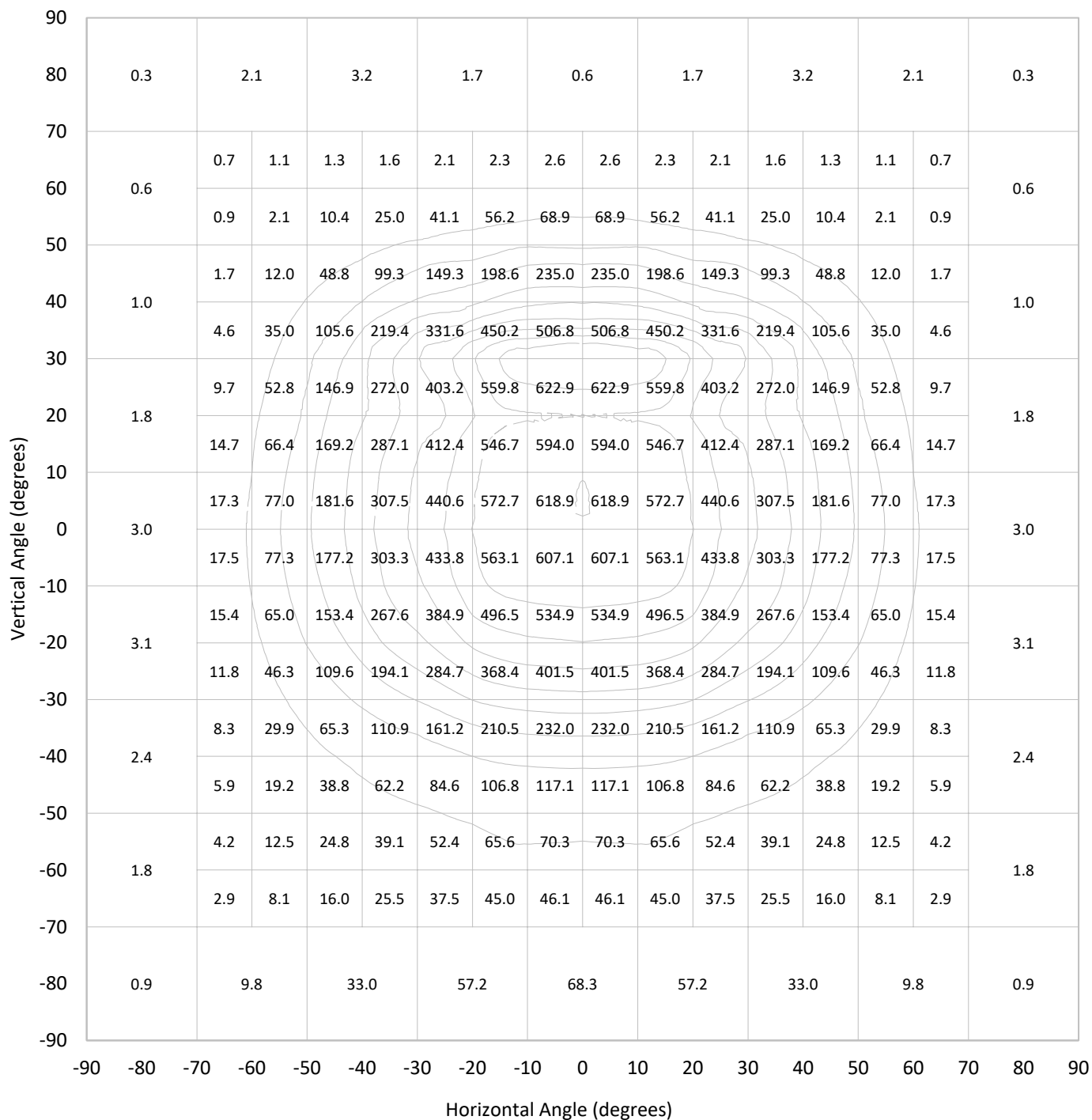
Iso-Candela Plot



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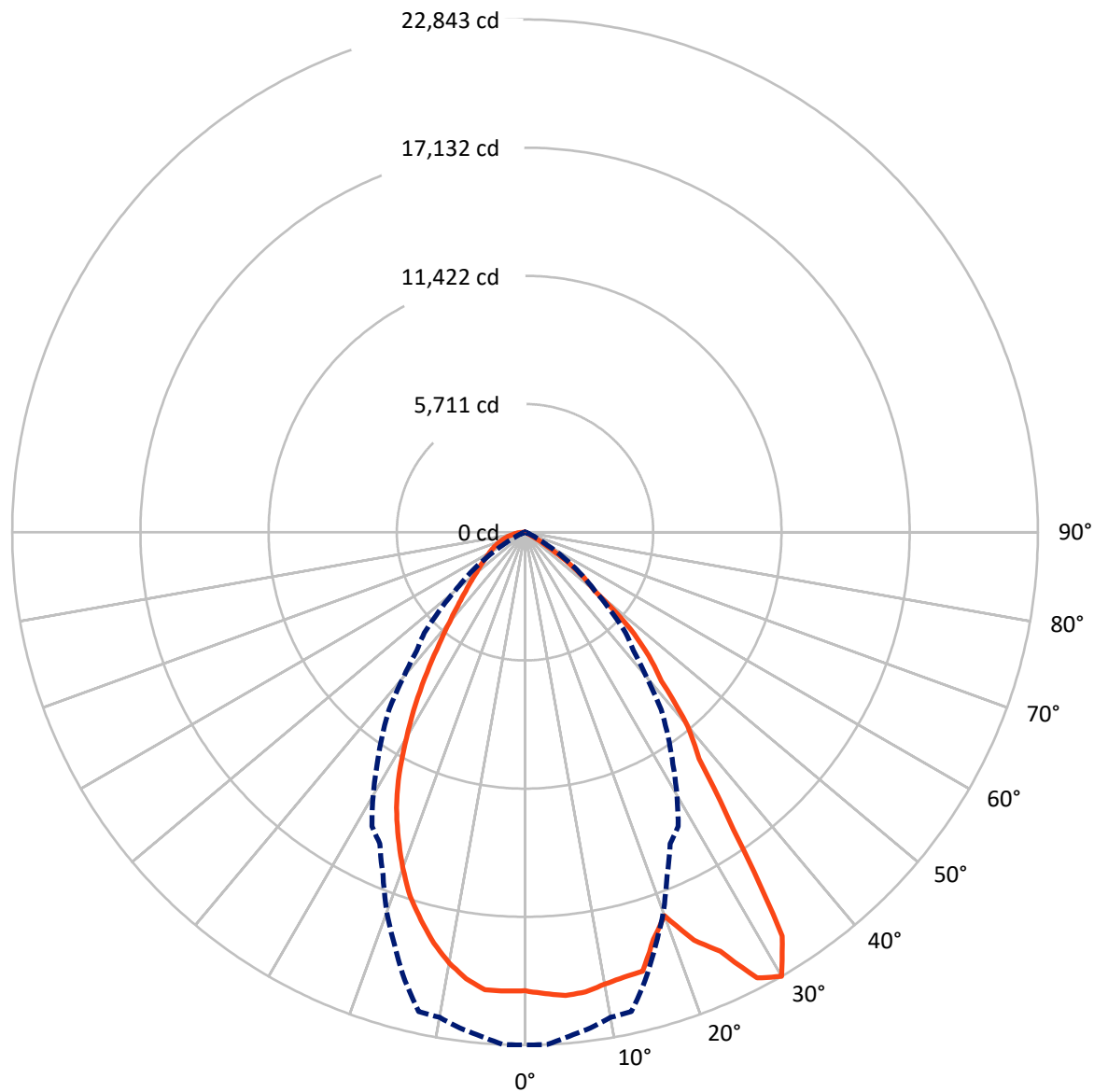
Lumen Table



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Luminous Intensity Polar Plot

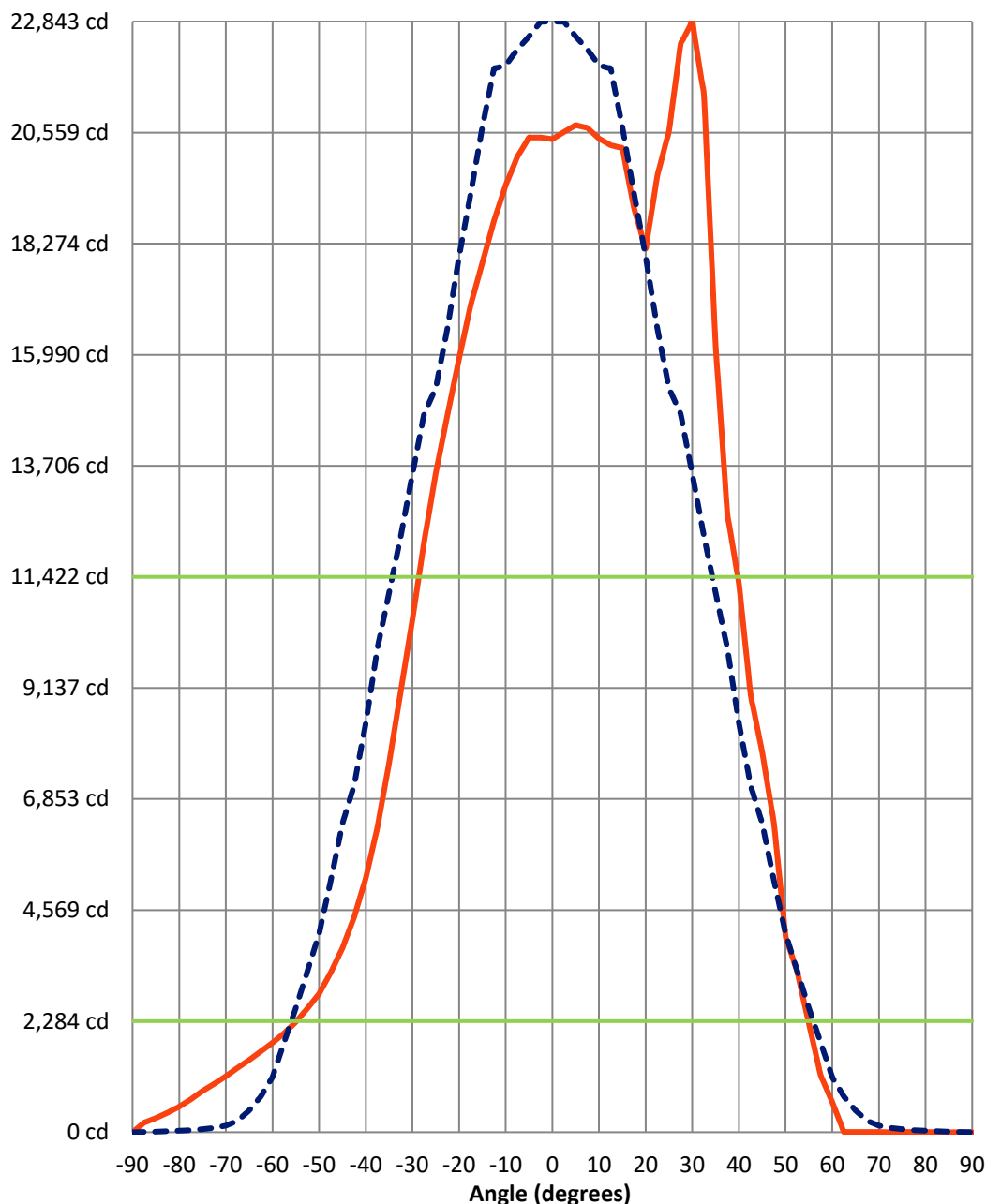


— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 20874.7

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 30848.8

Efficiency: 94.3%

Spill:

Lumens: 1872.4

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	5.2	5.2	5.2	5.2	5.2	5.2	5.2
85°	0.0	5.2	5.2	5.2	10.4	10.4	10.4	10.4	10.4	10.4	15.6
82.5°	0.0	5.2	5.2	5.2	10.4	10.4	10.4	10.4	15.6	15.6	20.8
80°	5.2	5.2	5.2	5.2	10.4	10.4	10.4	15.6	15.6	20.8	20.8
77.5°	5.2	5.2	5.2	10.4	10.4	10.4	15.6	15.6	20.8	20.8	26.0
75°	5.2	5.2	5.2	10.4	10.4	15.6	15.6	15.6	20.8	20.8	26.0
72.5°	0.0	5.2	5.2	10.4	10.4	15.6	15.6	15.6	20.8	20.8	20.8
70°	5.2	5.2	5.2	10.4	10.4	15.6	15.6	15.6	20.8	20.8	20.8
67.5°	5.2	5.2	5.2	10.4	10.4	15.6	15.6	20.8	20.8	20.8	26.0
65°	5.2	5.2	5.2	10.4	15.6	15.6	20.8	26.0	26.0	31.3	36.5
62.5°	5.2	10.4	10.4	15.6	20.8	26.0	57.3	88.6	88.6	62.5	52.1
60°	619.9	672.0	666.8	604.3	526.1	442.8	427.2	411.5	380.3	333.4	349.0
57.5°	1177.3	1239.8	1265.9	1250.2	1208.6	1135.6	1094.0	1047.1	984.6	911.6	828.3
55°	2229.6	2255.7	2198.4	2089.0	1969.1	1849.3	1807.7	1745.1	1651.4	1557.6	1432.6
52.5°	3297.5	3386.1	3360.0	3250.6	3089.2	2875.6	2641.2	2458.8	2349.4	2245.2	2120.2
50°	4026.8	4063.3	4136.2	4266.5	4313.4	4167.5	3787.2	3297.5	2948.5	3125.6	2990.2
47.5°	6355.4	6537.8	6501.3	6407.5	6251.2	5855.3	5324.0	4886.4	4521.7	4401.9	4422.8
45°	7808.8	7881.8	7855.7	7814.1	7741.1	7371.3	6782.6	6110.6	5772.0	5636.5	5495.9
42.5°	9001.8	9079.9	9095.6	9100.8	9022.6	8684.0	8152.7	7480.7	7142.0	6751.3	6444.0
40°	11278.3	11392.9	11262.7	11090.7	10830.3	10444.8	9923.8	9303.9	8704.9	8225.6	7860.9
37.5°	12731.7	12872.4	12924.4	12914.0	12856.7	12690.0	12049.3	11460.6	10543.8	9470.6	9663.4
35°	16180.3	16326.2	16284.5	16128.2	16044.9	15867.7	15242.6	14544.6	13393.3	12226.4	11913.8
32.5°	21321.9	21639.7	21045.9	20394.7	19993.6	20134.2	19498.7	17790.0	17258.6	15154.1	14179.9
30°	22843.1	22837.9	22535.7	22270.1	21941.9	21874.1	20676.0	19311.1	18008.8	16534.5	15305.1
27.5°	22379.5	22285.7	22030.4	21837.7	21530.3	21368.8	20196.7	19113.2	17607.7	16289.7	15102.0
25°	20592.6	20665.6	20405.1	20368.6	20248.8	19936.3	19352.8	18133.8	16789.8	15331.2	14476.8
22.5°	19670.6	19644.5	19332.0	19149.6	19295.5	18962.1	18727.7	17498.3	16097.0	14867.5	13841.3
20°	18170.3	18175.5	18097.4	18081.7	17993.2	17842.1	17654.6	16784.6	15794.8	14742.5	13507.9
17.5°	19009.0	19222.6	19316.3	18540.1	18758.9	18587.0	18389.1	17175.3	16430.4	15497.9	13888.2
15°	20238.4	20160.3	20066.5	20024.8	19905.0	19743.5	19384.1	18415.1	17133.6	16169.9	14914.4
12.5°	20300.9	20149.8	20113.4	20108.2	19983.1	19759.1	19410.1	18607.9	17472.2	16300.1	15279.1
10°	20436.4	20280.1	20259.2	20285.3	20092.5	19951.9	19602.9	18857.9	17576.4	16524.1	15560.4
7.5°	20655.2	20394.7	20514.5	20436.4	20347.8	20123.8	19748.7	19019.4	17956.7	16821.1	15810.4
5°	20712.5	20425.9	20556.2	20483.2	20353.0	20134.2	19727.9	19123.6	18191.1	16940.9	15909.4
2.5°	20571.8	20488.5	20431.1	20295.7	20238.4	19998.8	19613.3	18967.3	18081.7	16888.8	15888.6
0°	20425.9	20498.9	20368.6	20233.2	20207.1	20014.4	19686.2	19102.8	18337.0	17034.6	16065.7
-2.5°	20457.2	20399.9	20311.3	20170.7	20035.2	19759.1	19462.2	18915.2	18092.1	16716.9	15815.6
-5°	20457.2	20191.5	20201.9	20207.1	20071.7	19785.2	19425.7	18962.1	17946.3	16711.7	15742.7
-7.5°	20061.3	19832.1	19795.6	19764.3	19727.9	19462.2	19180.9	18602.7	17701.4	16576.2	15539.5
-10°	19477.8	19253.8	19274.7	19227.8	19113.2	18936.1	18722.5	18201.5	17461.8	16149.0	15128.0
-12.5°	18748.5	18649.5	18592.2	18514.1	18399.5	18243.2	18024.4	17534.7	16742.9	15622.9	14654.0
-15°	17883.8	17810.8	17758.7	17711.9	17545.2	17383.7	17097.2	16643.9	16149.0	14945.7	13955.9
-17.5°	17019.0	16836.7	16763.8	16701.2	16591.8	16331.4	16070.9	15732.3	15039.5	14086.1	13237.0
-20°	15909.4	15800.0	15711.5	15628.1	15471.8	15268.7	15055.1	14664.4	14065.3	13294.3	12413.9

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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°	14747.7	14685.2	14612.3	14508.1	14403.9	14211.2	13914.2	13539.2	13070.3	12236.8	11413.7
-25°	13549.6	13429.8	13341.2	13242.2	13158.9	12981.7	12695.2	12335.8	11747.1	11028.2	10340.6
-27.5°	12137.8	12023.2	11976.3	11861.7	11788.8	11627.3	11340.8	11007.4	10476.0	9871.8	9173.7
-30°	10543.8	10564.6	10512.5	10403.1	10314.6	10106.2	9887.4	9606.1	9189.3	8611.1	7986.0
-32.5°	9069.5	9095.6	9033.0	8918.4	8803.8	8652.8	8449.6	8194.3	7881.8	7329.6	6787.8
-35°	7595.3	7584.8	7532.7	7465.0	7386.9	7261.9	7032.6	6839.9	6480.5	6095.0	5719.9
-37.5°	6272.1	6298.1	6282.5	6246.0	6157.5	6053.3	5865.8	5688.6	5423.0	5084.3	4792.6
-40°	5225.0	5256.3	5235.4	5199.0	5120.8	5058.3	4933.3	4777.0	4563.4	4271.7	4026.8
-42.5°	4422.8	4443.6	4417.5	4386.3	4318.6	4271.7	4172.7	4042.5	3865.4	3641.3	3422.6
-45°	3787.2	3792.4	3766.4	3745.5	3693.4	3636.1	3552.8	3448.6	3307.9	3151.7	2974.6
-47.5°	3287.1	3281.9	3255.9	3235.0	3193.3	3141.2	3073.5	2979.8	2870.4	2750.5	2609.9
-50°	2849.5	2875.6	2865.2	2844.3	2813.1	2776.6	2708.9	2609.9	2500.5	2411.9	2313.0
-52.5°	2547.4	2552.6	2547.4	2547.4	2542.2	2516.1	2438.0	2339.0	2219.2	2141.1	2057.7
-55°	2266.1	2292.1	2302.5	2313.0	2318.2	2318.2	2224.4	2120.2	2005.6	1927.5	1865.0
-57.5°	2036.9	2052.5	2062.9	2089.0	2109.8	2125.4	2042.1	1948.3	1859.7	1786.8	1729.5
-60°	1838.9	1859.7	1875.4	1901.4	1917.0	1927.5	1875.4	1812.9	1760.8	1713.9	1630.5
-62.5°	1661.8	1677.4	1693.0	1708.7	1724.3	1734.7	1713.9	1682.6	1656.6	1635.7	1531.6
-65°	1484.7	1500.3	1515.9	1536.8	1552.4	1562.8	1557.6	1536.8	1515.9	1495.1	1401.3
-67.5°	1323.2	1338.8	1359.6	1364.9	1375.3	1380.5	1370.1	1354.4	1328.4	1302.3	1229.4
-70°	1151.3	1161.7	1172.1	1172.1	1172.1	1166.9	1156.5	1135.6	1109.6	1073.1	1015.8
-72.5°	995.0	1005.4	1015.8	1000.2	989.8	974.2	958.5	932.5	906.4	880.4	849.1
-75°	849.1	854.3	854.3	833.5	817.9	802.2	781.4	765.8	739.7	718.9	692.8
-77.5°	677.2	677.2	677.2	661.6	651.2	640.8	625.1	609.5	588.7	573.0	552.2
-80°	526.1	526.1	526.1	520.9	505.3	494.9	484.5	474.1	458.4	448.0	437.6
-82.5°	401.1	401.1	401.1	395.9	385.5	380.3	369.9	359.4	354.2	343.8	338.6
-85°	291.7	296.9	296.9	291.7	286.5	276.1	270.9	265.7	260.5	255.3	244.8
-87.5°	198.0	198.0	198.0	192.7	187.5	187.5	182.3	171.9	161.5	156.3	151.1
-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°	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
85°	15.6	15.6	15.6	20.8	20.8	20.8	20.8	20.8	20.8	20.8	15.6
82.5°	26.0	26.0	31.3	31.3	36.5	36.5	36.5	36.5	36.5	36.5	36.5
80°	26.0	31.3	36.5	41.7	46.9	52.1	52.1	52.1	52.1	46.9	46.9
77.5°	31.3	31.3	36.5	41.7	46.9	52.1	57.3	62.5	57.3	57.3	57.3
75°	31.3	36.5	36.5	41.7	46.9	52.1	57.3	62.5	62.5	62.5	62.5
72.5°	26.0	31.3	36.5	41.7	41.7	46.9	52.1	52.1	57.3	57.3	62.5
70°	26.0	31.3	36.5	36.5	41.7	41.7	46.9	52.1	52.1	57.3	57.3
67.5°	31.3	36.5	36.5	41.7	46.9	46.9	46.9	52.1	52.1	57.3	57.3
65°	36.5	41.7	41.7	46.9	52.1	52.1	57.3	57.3	57.3	62.5	62.5
62.5°	62.5	62.5	62.5	57.3	62.5	62.5	62.5	67.7	67.7	62.5	67.7
60°	323.0	234.4	161.5	203.2	182.3	83.3	83.3	83.3	78.1	78.1	72.9
57.5°	760.6	708.5	609.5	515.7	463.6	411.5	255.3	104.2	104.2	93.8	83.3
55°	1271.1	1099.2	1026.2	901.2	765.8	703.3	583.4	395.9	187.5	125.0	109.4
52.5°	1969.1	1807.7	1620.1	1364.9	1182.5	1036.7	937.7	744.9	500.1	265.7	166.7
50°	2635.9	2563.0	2448.4	2198.4	1818.1	1573.2	1411.7	1192.9	896.0	547.0	312.6
47.5°	4245.6	3636.1	3266.3	3073.5	2755.8	2292.1	1979.6	1734.7	1375.3	922.1	552.2
45°	5344.8	4959.3	4370.7	3964.3	3495.5	3005.8	2599.5	2318.2	1891.0	1380.5	864.8
42.5°	6287.7	5954.3	5423.0	4829.1	4334.2	3693.4	3172.5	2802.6	2443.2	1885.8	1291.9
40°	7501.5	7105.6	6595.1	6016.8	5438.6	4620.7	3776.8	3328.8	2932.9	2438.0	1745.1
37.5°	9501.9	8803.8	7970.3	7329.6	6574.2	5881.4	4724.9	3933.1	3464.2	2948.5	2276.5
35°	11908.6	11142.8	9751.9	8902.8	7892.2	6860.7	5818.9	4646.8	3980.0	3433.0	2766.2
32.5°	14148.6	13028.6	11247.0	10252.0	9580.0	7678.6	6600.3	5584.4	4511.3	3839.3	3047.5
30°	14768.6	13533.9	12257.6	11096.0	9949.9	8413.1	7136.8	6345.0	5178.1	4084.1	3313.2
27.5°	14143.4	13294.3	12304.5	11226.2	9986.4	8668.4	7465.0	6709.7	5667.8	4250.8	3521.5
25°	13507.9	12622.3	11929.5	11028.2	9882.2	8652.8	7475.4	6938.9	6048.1	4573.8	3636.1
22.5°	12835.9	12283.7	11710.7	10705.3	9621.7	8699.6	7814.1	7136.8	6246.0	4938.5	3683.0
20°	12872.4	12512.9	11882.6	10538.6	9574.8	8975.7	8220.4	7386.9	6459.6	5256.3	3719.5
17.5°	13455.8	12987.0	12195.1	11028.2	9996.8	9257.0	8559.0	7730.7	6678.4	5537.6	4162.3
15°	14174.7	13461.0	12632.7	11606.5	10439.6	9564.4	8819.5	7970.3	6928.5	5798.0	4558.2
12.5°	14695.6	13679.8	12903.6	11976.3	10918.8	9897.8	8991.4	8152.7	7162.9	6011.6	4855.1
10°	14872.8	13950.7	13033.8	12205.6	11163.7	10074.9	9121.6	8267.3	7366.0	6178.3	5073.9
7.5°	14966.5	14185.1	13122.4	12309.7	11309.5	10184.3	9225.8	8329.8	7527.5	6292.9	5214.6
5°	14956.1	14310.1	13190.1	12341.0	11387.7	10231.2	9298.7	8345.4	7642.1	6391.9	5297.9
2.5°	14909.2	14393.5	13299.5	12393.1	11544.0	10319.8	9439.4	8376.7	7683.8	6501.3	5355.2
0°	15081.1	14398.7	13414.1	12408.7	11648.2	10351.0	9501.9	8350.6	7626.5	6532.5	5350.0
-2.5°	14711.3	14091.3	13388.1	12273.3	11507.5	10278.1	9387.3	8267.3	7501.5	6496.1	5329.2
-5°	14648.7	13867.3	13169.3	12148.2	11273.1	10127.0	9173.7	8111.0	7303.5	6376.3	5245.8
-7.5°	14482.0	13653.8	12955.7	12049.3	11054.3	9970.7	8970.5	7949.5	7090.0	6188.7	5126.0
-10°	14117.4	13325.6	12726.5	11835.7	10788.6	9746.7	8725.7	7735.9	6839.9	5933.5	4938.5
-12.5°	13596.5	12804.6	12210.8	11382.5	10455.2	9444.6	8434.0	7459.8	6553.4	5662.6	4714.5
-15°	13007.8	12205.6	11611.7	10856.3	9960.3	8975.7	8064.1	7110.8	6225.2	5376.1	4448.8
-17.5°	12341.0	11580.4	11007.4	10272.9	9382.1	8444.4	7538.0	6673.2	5844.9	5079.1	4141.4
-20°	11570.0	10830.3	10304.1	9569.6	8751.7	7840.1	6959.7	6141.8	5396.9	4678.0	3802.8

REPORT NUMBER: P722557

CATALOG NUMBER: IFLD-M-SA4D-760-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°	10616.7	9965.5	9366.4	8710.1	7996.4	7162.9	6345.0	5620.9	4907.2	4204.0	3453.8
-25°	9642.5	9012.2	8428.8	7829.7	7147.3	6428.4	5730.3	5073.9	4375.9	3740.3	3115.2
-27.5°	8559.0	7996.4	7475.4	6923.3	6298.1	5678.2	5105.2	4464.4	3860.1	3318.4	2781.8
-30°	7402.5	6944.1	6490.9	6001.2	5495.9	4974.9	4464.4	3860.1	3386.1	2953.7	2500.5
-32.5°	6292.9	5881.4	5516.7	5152.1	4714.5	4287.3	3834.1	3386.1	2990.2	2609.9	2229.6
-35°	5318.8	4881.2	4678.0	4386.3	4037.3	3651.8	3281.9	2969.3	2651.6	2307.8	1969.1
-37.5°	4474.8	4193.5	3953.9	3735.1	3459.0	3125.6	2859.9	2604.7	2339.0	2026.4	1734.7
-40°	3813.3	3610.1	3370.5	3209.0	2985.0	2745.3	2479.7	2266.1	2042.1	1786.8	1547.2
-42.5°	3281.9	3115.2	2958.9	2787.0	2620.3	2417.1	2187.9	1984.8	1781.6	1594.1	1396.1
-45°	2844.3	2724.5	2599.5	2458.8	2313.0	2135.8	1948.3	1739.9	1594.1	1427.4	1260.7
-47.5°	2484.9	2396.3	2292.1	2182.7	2057.7	1901.4	1729.5	1578.4	1427.4	1286.7	1125.2
-50°	2198.4	2115.0	2031.7	1937.9	1828.5	1693.0	1562.8	1422.2	1281.5	1146.1	995.0
-52.5°	1958.7	1885.8	1818.1	1739.9	1635.7	1521.1	1401.3	1276.3	1146.1	1010.6	890.8
-55°	1792.0	1708.7	1641.0	1562.8	1469.0	1359.6	1250.2	1135.6	1010.6	906.4	807.5
-57.5°	1656.6	1562.8	1484.7	1401.3	1307.6	1213.8	1114.8	1010.6	916.8	817.9	724.1
-60°	1542.0	1432.6	1344.0	1260.7	1172.1	1083.5	1000.2	911.6	823.1	734.5	640.8
-62.5°	1422.2	1307.6	1198.2	1120.0	1052.3	974.2	901.2	817.9	739.7	651.2	583.4
-65°	1286.7	1177.3	1073.1	1005.4	942.9	875.2	807.5	734.5	666.8	599.1	536.6
-67.5°	1135.6	1041.9	968.9	906.4	843.9	786.6	724.1	661.6	604.3	536.6	474.1
-70°	953.3	901.2	859.5	812.7	755.4	703.3	646.0	588.7	526.1	468.8	411.5
-72.5°	812.7	781.4	750.1	703.3	651.2	604.3	557.4	505.3	453.2	401.1	354.2
-75°	666.8	640.8	614.7	583.4	541.8	505.3	463.6	416.7	375.1	338.6	302.1
-77.5°	536.6	515.7	500.1	474.1	442.8	411.5	385.5	354.2	323.0	286.5	250.0
-80°	427.2	416.7	411.5	401.1	375.1	349.0	328.2	302.1	270.9	244.8	218.8
-82.5°	333.4	333.4	328.2	323.0	302.1	281.3	265.7	244.8	224.0	203.2	177.1
-85°	244.8	239.6	239.6	234.4	218.8	208.4	192.7	182.3	166.7	145.9	135.4
-87.5°	145.9	140.7	135.4	130.2	119.8	114.6	104.2	99.0	88.6	78.1	72.9
-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: P722557

CATALOG NUMBER: IFLD-M-SA4D-760-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°	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	0.0	0.0
85°	15.6	10.4	10.4	10.4	10.4	10.4	5.2	5.2	5.2	5.2	5.2
82.5°	31.3	31.3	26.0	26.0	20.8	15.6	10.4	10.4	10.4	5.2	5.2
80°	46.9	46.9	46.9	41.7	36.5	26.0	20.8	15.6	10.4	5.2	5.2
77.5°	57.3	52.1	52.1	46.9	46.9	41.7	31.3	26.0	15.6	10.4	5.2
75°	57.3	57.3	57.3	52.1	52.1	46.9	41.7	31.3	26.0	15.6	10.4
72.5°	62.5	57.3	57.3	57.3	52.1	46.9	41.7	36.5	31.3	20.8	10.4
70°	57.3	57.3	57.3	57.3	52.1	52.1	41.7	36.5	36.5	20.8	15.6
67.5°	57.3	57.3	57.3	52.1	52.1	46.9	41.7	36.5	36.5	26.0	15.6
65°	62.5	57.3	57.3	57.3	52.1	46.9	41.7	36.5	36.5	31.3	20.8
62.5°	67.7	62.5	62.5	57.3	52.1	46.9	41.7	36.5	36.5	31.3	20.8
60°	72.9	67.7	62.5	62.5	57.3	52.1	41.7	41.7	36.5	31.3	20.8
57.5°	78.1	72.9	72.9	67.7	62.5	57.3	46.9	41.7	36.5	31.3	26.0
55°	93.8	83.3	78.1	78.1	72.9	62.5	52.1	41.7	36.5	31.3	26.0
52.5°	125.0	99.0	88.6	88.6	83.3	72.9	57.3	46.9	36.5	31.3	26.0
50°	198.0	125.0	104.2	93.8	93.8	83.3	67.7	52.1	36.5	31.3	26.0
47.5°	312.6	208.4	125.0	109.4	104.2	99.0	78.1	52.1	41.7	31.3	26.0
45°	515.7	307.4	203.2	130.2	109.4	104.2	88.6	57.3	41.7	36.5	26.0
42.5°	708.5	479.3	312.6	156.3	130.2	114.6	93.8	62.5	46.9	36.5	26.0
40°	1114.8	656.4	437.6	255.3	151.1	119.8	104.2	72.9	46.9	36.5	26.0
37.5°	1510.7	870.0	588.7	375.1	171.9	135.4	109.4	78.1	52.1	36.5	31.3
35°	1906.6	1219.0	729.3	500.1	229.2	161.5	114.6	83.3	52.1	36.5	31.3
32.5°	2260.9	1547.2	875.2	625.1	343.8	192.7	125.0	88.6	57.3	41.7	31.3
30°	2552.6	1849.3	1135.6	734.5	448.0	234.4	135.4	88.6	62.5	41.7	31.3
27.5°	2771.4	2083.7	1401.3	849.1	536.6	276.1	156.3	99.0	62.5	41.7	31.3
25°	2948.5	2266.1	1635.7	968.9	614.7	343.8	187.5	104.2	67.7	46.9	31.3
22.5°	3089.2	2417.1	1828.5	1130.4	708.5	411.5	229.2	114.6	67.7	46.9	31.3
20°	3281.9	2568.2	1958.7	1302.3	807.5	474.1	265.7	125.0	67.7	46.9	36.5
17.5°	3448.6	2719.3	2062.9	1448.2	906.4	520.9	307.4	135.4	72.9	46.9	36.5
15°	3641.3	2865.2	2156.7	1562.8	1000.2	562.6	343.8	145.9	72.9	52.1	36.5
12.5°	3849.7	3000.6	2224.4	1656.6	1099.2	599.1	375.1	166.7	78.1	52.1	36.5
10°	4063.3	3115.2	2281.7	1724.3	1172.1	635.5	395.9	187.5	83.3	52.1	36.5
7.5°	4276.9	3219.4	2354.6	1755.6	1203.4	677.2	406.3	208.4	83.3	57.3	36.5
5°	4422.8	3287.1	2458.8	1776.4	1219.0	724.1	422.0	234.4	88.6	57.3	36.5
2.5°	4547.8	3328.8	2568.2	1792.0	1224.2	750.1	416.7	250.0	93.8	57.3	36.5
0°	4605.1	3328.8	2641.2	1781.6	1208.6	776.2	416.7	265.7	93.8	57.3	36.5
-2.5°	4516.5	3422.6	2620.3	1786.8	1213.8	776.2	437.6	270.9	104.2	62.5	36.5
-5°	4375.9	3459.0	2557.8	1760.8	1203.4	776.2	463.6	276.1	109.4	62.5	41.7
-7.5°	4240.4	3474.6	2484.9	1734.7	1187.7	755.4	468.8	270.9	119.8	67.7	41.7
-10°	4063.3	3302.7	2391.1	1687.8	1156.5	739.7	479.3	270.9	125.0	67.7	41.7
-12.5°	3860.1	3094.4	2276.5	1620.1	1120.0	724.1	484.5	270.9	130.2	72.9	41.7
-15°	3625.7	2880.8	2146.3	1547.2	1067.9	703.3	474.1	265.7	135.4	72.9	46.9
-17.5°	3360.0	2672.4	2010.8	1458.6	1010.6	677.2	453.2	260.5	135.4	72.9	46.9
-20°	3057.9	2464.0	1859.7	1370.1	942.9	646.0	432.4	250.0	135.4	72.9	46.9

REPORT NUMBER: P722557

CATALOG NUMBER: IFLD-M-SA4D-760-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	2787.0	2271.3	1703.5	1271.1	870.0	609.5	406.3	239.6	135.4	78.1	46.9
-25°	2563.0	2083.7	1583.6	1172.1	791.8	567.8	380.3	229.2	135.4	78.1	46.9
-27.5°	2328.6	1880.6	1458.6	1078.3	739.7	531.4	354.2	218.8	130.2	78.1	46.9
-30°	2089.0	1682.6	1328.4	974.2	687.6	494.9	333.4	203.2	130.2	78.1	46.9
-32.5°	1870.2	1521.1	1208.6	870.0	630.3	458.4	312.6	198.0	125.0	78.1	46.9
-35°	1656.6	1375.3	1083.5	786.6	567.8	422.0	291.7	192.7	125.0	78.1	46.9
-37.5°	1479.5	1239.8	968.9	729.3	531.4	390.7	270.9	182.3	119.8	78.1	46.9
-40°	1333.6	1114.8	859.5	666.8	500.1	359.4	250.0	177.1	119.8	78.1	46.9
-42.5°	1198.2	995.0	791.8	614.7	468.8	338.6	234.4	171.9	114.6	78.1	46.9
-45°	1078.3	890.8	724.1	567.8	432.4	312.6	224.0	161.5	109.4	78.1	52.1
-47.5°	958.5	817.9	661.6	526.1	395.9	281.3	213.6	156.3	104.2	72.9	52.1
-50°	864.8	739.7	609.5	479.3	359.4	270.9	203.2	145.9	104.2	72.9	52.1
-52.5°	781.4	666.8	552.2	432.4	328.2	255.3	192.7	135.4	99.0	72.9	52.1
-55°	703.3	599.1	494.9	385.5	307.4	239.6	177.1	125.0	99.0	72.9	52.1
-57.5°	625.1	536.6	437.6	349.0	281.3	224.0	166.7	125.0	99.0	72.9	52.1
-60°	562.6	479.3	395.9	323.0	260.5	203.2	151.1	119.8	93.8	72.9	52.1
-62.5°	510.5	432.4	359.4	291.7	239.6	182.3	145.9	119.8	93.8	72.9	46.9
-65°	458.4	390.7	323.0	265.7	213.6	171.9	140.7	114.6	93.8	72.9	46.9
-67.5°	406.3	343.8	291.7	234.4	198.0	166.7	135.4	114.6	88.6	67.7	46.9
-70°	354.2	302.1	255.3	218.8	187.5	156.3	130.2	109.4	88.6	62.5	41.7
-72.5°	312.6	265.7	229.2	203.2	177.1	151.1	125.0	104.2	83.3	57.3	36.5
-75°	265.7	234.4	208.4	182.3	161.5	140.7	119.8	93.8	72.9	52.1	36.5
-77.5°	224.0	203.2	182.3	166.7	145.9	125.0	104.2	83.3	67.7	46.9	31.3
-80°	192.7	177.1	161.5	145.9	130.2	109.4	93.8	72.9	57.3	41.7	26.0
-82.5°	156.3	145.9	130.2	119.8	109.4	93.8	78.1	62.5	41.7	31.3	20.8
-85°	119.8	109.4	104.2	93.8	83.3	67.7	52.1	41.7	31.3	20.8	10.4
-87.5°	62.5	57.3	52.1	46.9	41.7	31.3	26.0	20.8	15.6	10.4	5.2
-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: P722557

CATALOG NUMBER: IFLD-M-SA4D-760-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°	5.2	0.0	0.0	0.0
77.5°	5.2	0.0	0.0	0.0
75°	5.2	5.2	0.0	0.0
72.5°	5.2	5.2	0.0	0.0
70°	5.2	5.2	0.0	0.0
67.5°	10.4	5.2	0.0	0.0
65°	10.4	5.2	0.0	0.0
62.5°	10.4	5.2	0.0	0.0
60°	10.4	5.2	0.0	0.0
57.5°	15.6	5.2	5.2	0.0
55°	15.6	5.2	5.2	0.0
52.5°	15.6	5.2	5.2	0.0
50°	15.6	10.4	5.2	0.0
47.5°	15.6	10.4	5.2	0.0
45°	15.6	10.4	5.2	0.0
42.5°	15.6	10.4	5.2	0.0
40°	20.8	10.4	5.2	0.0
37.5°	20.8	10.4	5.2	0.0
35°	20.8	10.4	5.2	0.0
32.5°	20.8	10.4	5.2	0.0
30°	20.8	10.4	5.2	0.0
27.5°	20.8	15.6	5.2	0.0
25°	20.8	15.6	5.2	0.0
22.5°	26.0	15.6	5.2	0.0
20°	26.0	15.6	5.2	0.0
17.5°	26.0	15.6	5.2	0.0
15°	26.0	15.6	5.2	0.0
12.5°	26.0	15.6	5.2	0.0
10°	26.0	15.6	5.2	0.0
7.5°	26.0	15.6	5.2	0.0
5°	26.0	15.6	5.2	0.0
2.5°	26.0	15.6	5.2	0.0
0°	26.0	15.6	5.2	0.0
-2.5°	26.0	15.6	5.2	0.0
-5°	26.0	15.6	5.2	0.0
-7.5°	26.0	15.6	5.2	0.0
-10°	26.0	15.6	5.2	0.0
-12.5°	31.3	15.6	5.2	0.0
-15°	31.3	15.6	5.2	0.0
-17.5°	31.3	15.6	5.2	0.0
-20°	31.3	15.6	5.2	0.0

REPORT NUMBER: P722557

CATALOG NUMBER: IFLD-M-SA4D-760-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	31.3	15.6	5.2	0.0
-25°	31.3	15.6	5.2	0.0
-27.5°	31.3	15.6	5.2	0.0
-30°	31.3	15.6	5.2	0.0
-32.5°	31.3	15.6	5.2	0.0
-35°	31.3	15.6	5.2	0.0
-37.5°	31.3	15.6	5.2	0.0
-40°	31.3	15.6	5.2	0.0
-42.5°	26.0	15.6	5.2	0.0
-45°	31.3	15.6	5.2	0.0
-47.5°	31.3	15.6	5.2	0.0
-50°	31.3	15.6	5.2	0.0
-52.5°	31.3	15.6	5.2	0.0
-55°	31.3	15.6	5.2	0.0
-57.5°	31.3	15.6	5.2	0.0
-60°	31.3	15.6	5.2	0.0
-62.5°	26.0	15.6	5.2	0.0
-65°	26.0	10.4	5.2	0.0
-67.5°	26.0	10.4	5.2	0.0
-70°	26.0	10.4	5.2	0.0
-72.5°	20.8	10.4	5.2	0.0
-75°	20.8	10.4	5.2	0.0
-77.5°	15.6	5.2	0.0	0.0
-80°	15.6	5.2	0.0	0.0
-82.5°	10.4	5.2	0.0	0.0
-85°	5.2	5.2	0.0	0.0
-87.5°	5.2	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)