

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: P722495

Luminaire Tested: **IFLD-S-SA6E-740-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722495
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA6E-740-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (96) 4000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	54105.1 lumens	Max Intensity:	37771.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	116.6 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:	34516.7 lumens	Field Lumens:	51008.9 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

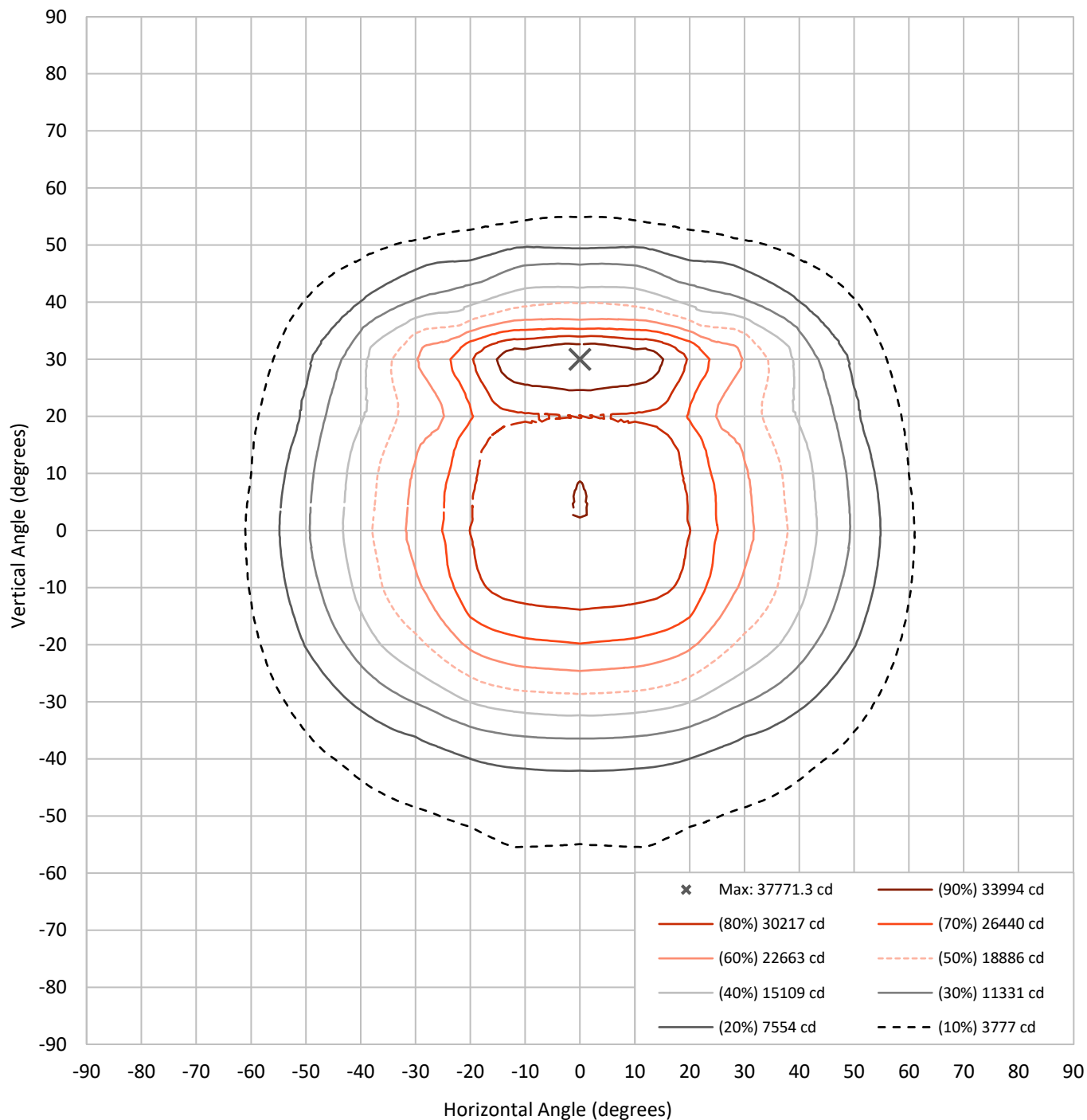
Input Watts (W): 464.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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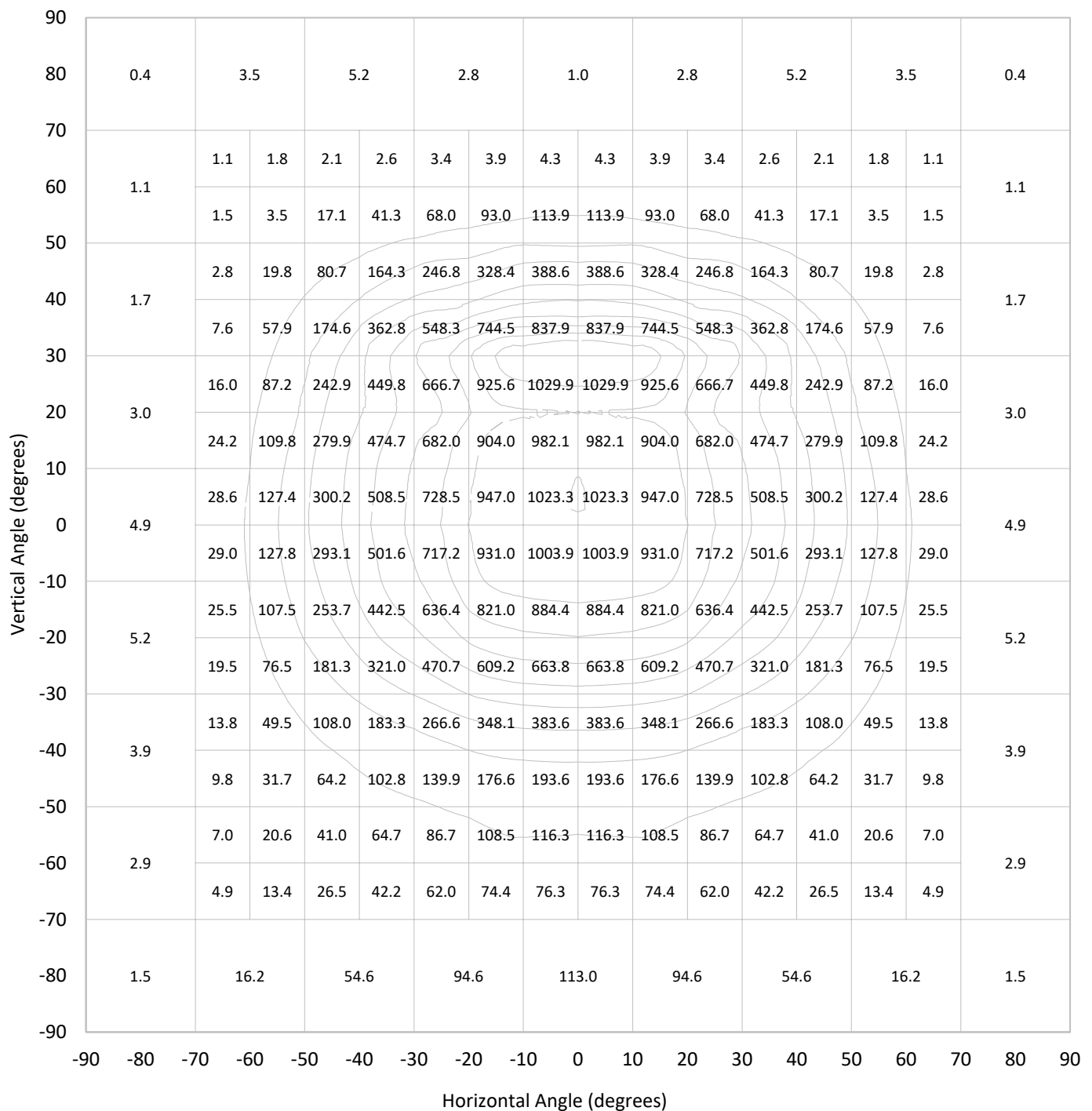
Iso-Candela Plot



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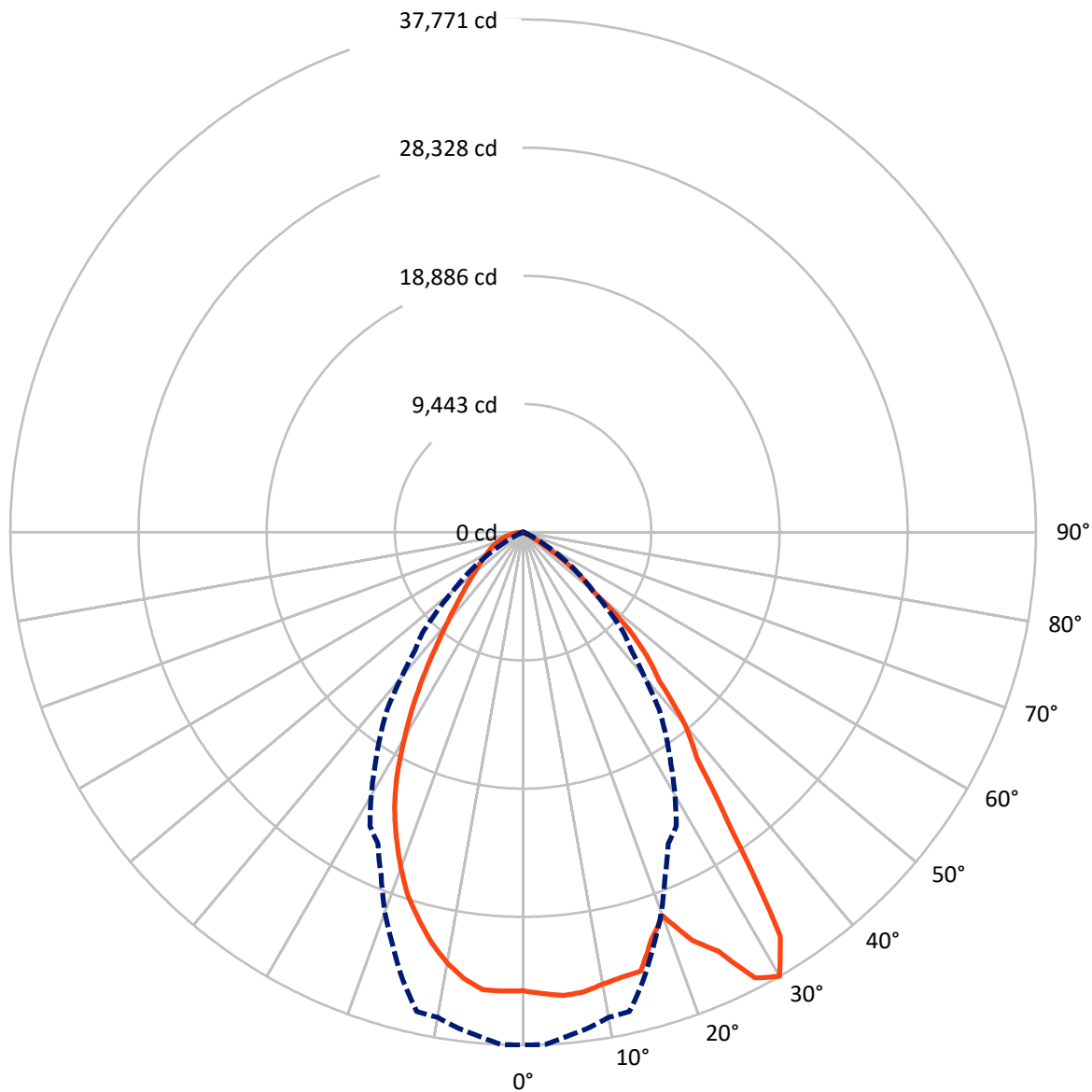
Lumen Table



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Luminous Intensity Polar Plot



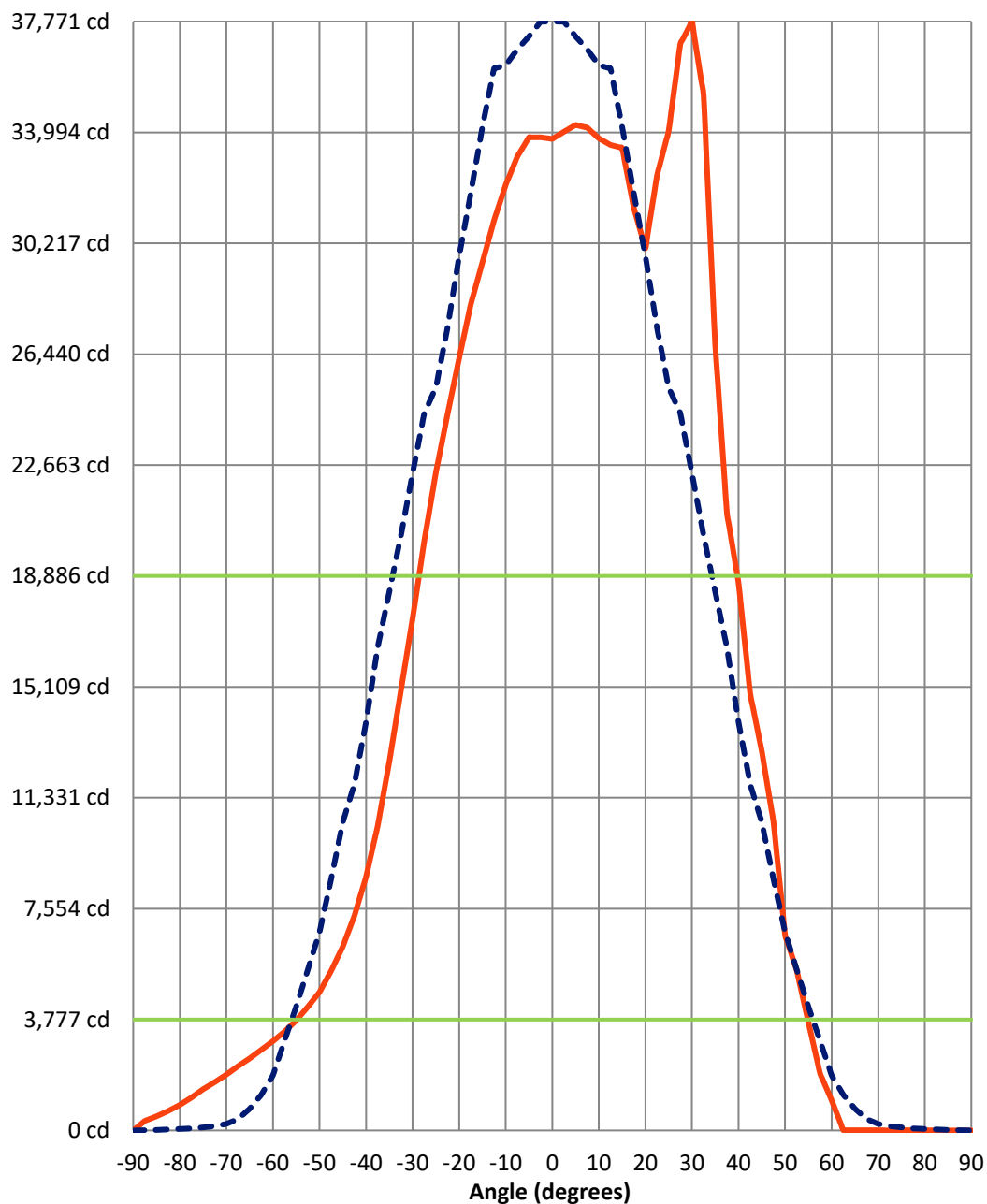
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 34516.7

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 51008.9

Efficiency: 94.3%

Spill:

Lumens: 3096.1

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	8.6	8.6	8.6	8.6	8.6	8.6	8.6
85°	0.0	8.6	8.6	8.6	17.2	17.2	17.2	17.2	17.2	17.2	25.8
82.5°	0.0	8.6	8.6	8.6	17.2	17.2	17.2	17.2	25.8	25.8	34.5
80°	8.6	8.6	8.6	8.6	17.2	17.2	17.2	25.8	25.8	34.5	34.5
77.5°	8.6	8.6	8.6	17.2	17.2	17.2	25.8	25.8	34.5	34.5	43.1
75°	8.6	8.6	8.6	17.2	17.2	25.8	25.8	25.8	34.5	34.5	43.1
72.5°	0.0	8.6	8.6	17.2	17.2	25.8	25.8	25.8	34.5	34.5	34.5
70°	8.6	8.6	8.6	17.2	17.2	25.8	25.8	25.8	34.5	34.5	34.5
67.5°	8.6	8.6	8.6	17.2	17.2	25.8	25.8	34.5	34.5	34.5	43.1
65°	8.6	8.6	8.6	17.2	25.8	25.8	34.5	43.1	43.1	51.7	60.3
62.5°	8.6	17.2	17.2	25.8	34.5	43.1	94.8	146.4	146.4	103.4	86.1
60°	1025.0	1111.2	1102.6	999.2	870.0	732.2	706.3	680.5	628.8	551.3	577.1
57.5°	1946.7	2050.1	2093.1	2067.3	1998.4	1877.8	1808.9	1731.4	1628.0	1507.4	1369.6
55°	3686.7	3729.8	3635.0	3454.1	3256.0	3057.9	2989.0	2885.6	2730.6	2575.5	2368.8
52.5°	5452.5	5598.9	5555.9	5375.0	5108.0	4754.8	4367.2	4065.7	3884.8	3712.5	3505.8
50°	6658.4	6718.7	6839.3	7054.7	7132.2	6891.0	6262.2	5452.5	4875.4	5168.3	4944.3
47.5°	10508.8	10810.3	10750.0	10594.9	10336.5	9681.9	8803.3	8079.7	7476.7	7278.6	7313.1
45°	12912.0	13032.6	12989.6	12920.6	12800.1	12188.5	11215.1	10103.9	9544.0	9320.1	9087.5
42.5°	14884.6	15013.8	15039.6	15048.2	14919.0	14359.1	13480.5	12369.4	11809.5	11163.4	10655.2
40°	18648.8	18838.3	18623.0	18338.7	17908.0	17270.6	16409.2	15384.2	14393.6	13601.1	12998.2
37.5°	21052.0	21284.6	21370.7	21353.5	21258.8	20983.1	19923.6	18950.3	17434.3	15659.8	15978.5
35°	26754.3	26995.5	26926.6	26668.2	26530.4	26237.5	25203.9	24049.6	22146.0	20216.5	19699.7
32.5°	35256.1	35781.6	34799.6	33722.9	33059.6	33292.2	32241.3	29416.0	28537.4	25057.4	23446.7
30°	37771.3	37762.7	37263.1	36823.8	36281.2	36169.2	34188.0	31931.2	29777.8	27340.1	25307.2
27.5°	37004.7	36849.7	36427.6	36108.9	35600.7	35333.7	33395.6	31603.9	29114.5	26935.2	24971.3
25°	34050.2	34170.8	33740.1	33679.8	33481.7	32964.9	32000.1	29984.5	27762.2	25350.3	23937.6
22.5°	32525.6	32482.5	31965.7	31664.2	31905.4	31354.1	30966.5	28933.6	26616.5	24583.7	22886.8
20°	30044.8	30053.4	29924.2	29898.4	29751.9	29502.1	29192.0	27753.5	26116.9	24376.9	22335.5
17.5°	31431.6	31784.8	31939.8	30656.4	31018.2	30733.9	30406.6	28399.6	27167.8	25625.9	22964.3
15°	33464.5	33335.3	33180.2	33111.3	32913.2	32646.2	32051.8	30449.6	28330.7	26737.1	24661.2
12.5°	33567.8	33318.0	33257.7	33249.1	33042.4	32672.0	32094.9	30768.4	28890.6	26952.5	25264.2
10°	33791.8	33533.4	33498.9	33542.0	33223.3	32990.7	32413.6	31181.8	29062.8	27322.9	25729.3
7.5°	34153.6	33722.9	33921.0	33791.8	33645.4	33275.0	32654.8	31448.8	29691.6	27813.8	26142.8
5°	34248.3	33774.6	33989.9	33869.3	33654.0	33292.2	32620.3	31621.1	30079.3	28012.0	26306.4
2.5°	34015.7	33877.9	33783.2	33559.2	33464.5	33068.2	32430.8	31362.7	29898.4	27925.8	26272.0
0°	33774.6	33895.2	33679.8	33455.9	33412.8	33094.1	32551.4	31586.7	30320.4	28167.0	26564.8
-2.5°	33826.2	33731.5	33585.1	33352.5	33128.5	32672.0	32181.0	31276.6	29915.6	27641.6	26151.4
-5°	33826.2	33386.9	33404.2	33412.8	33188.8	32715.1	32120.7	31354.1	29674.4	27632.9	26030.8
-7.5°	33171.6	32792.6	32732.3	32680.6	32620.3	32181.0	31715.9	30759.7	29269.6	27409.0	25694.9
-10°	32206.9	31836.5	31870.9	31793.4	31603.9	31311.0	30957.9	30096.5	28873.3	26702.7	25014.4
-12.5°	31000.9	30837.3	30742.5	30613.3	30423.8	30165.4	29803.6	28993.9	27684.6	25832.7	24230.5
-15°	29571.0	29450.5	29364.3	29286.8	29011.2	28744.1	28270.4	27521.0	26702.7	24712.9	23076.3
-17.5°	28141.2	27839.7	27719.1	27615.7	27434.8	27004.1	26573.5	26013.6	24867.9	23291.6	21887.6
-20°	26306.4	26125.5	25979.1	25841.3	25582.9	25246.9	24893.8	24247.7	23257.2	21982.3	20526.6

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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°	24385.6	24282.2	24161.6	23989.3	23817.1	23498.3	23007.4	22387.2	21611.9	20233.7	18872.8
-25°	22404.4	22206.3	22059.8	21896.2	21758.4	21465.5	20991.7	20397.4	19424.0	18235.3	17098.3
-27.5°	20070.1	19880.6	19803.0	19613.5	19492.9	19225.9	18752.2	18200.9	17322.3	16323.1	15168.8
-30°	17434.3	17468.7	17382.6	17201.7	17055.2	16710.7	16348.9	15883.8	15194.7	14238.5	13204.9
-32.5°	14996.6	15039.6	14936.3	14746.8	14557.3	14307.5	13971.5	13549.4	13032.6	12119.6	11223.7
-35°	12558.9	12541.6	12455.5	12343.5	12214.3	12007.6	11628.6	11309.9	10715.5	10078.1	9457.9
-37.5°	10371.0	10414.0	10388.2	10327.9	10181.5	10009.2	9699.1	9406.2	8966.9	8407.0	7924.7
-40°	8639.6	8691.3	8656.8	8596.5	8467.3	8364.0	8157.2	7898.8	7545.7	7063.3	6658.4
-42.5°	7313.1	7347.5	7304.5	7252.8	7140.8	7063.3	6899.6	6684.3	6391.4	6021.0	5659.2
-45°	6262.2	6270.8	6227.8	6193.3	6107.2	6012.4	5874.6	5702.3	5469.7	5211.3	4918.5
-47.5°	5435.3	5426.7	5383.6	5349.1	5280.2	5194.1	5082.1	4927.1	4746.2	4548.1	4315.5
-50°	4711.7	4754.8	4737.6	4703.1	4651.4	4591.1	4479.2	4315.5	4134.6	3988.2	3824.5
-52.5°	4212.1	4220.7	4212.1	4212.1	4203.5	4160.4	4031.2	3867.6	3669.5	3540.3	3402.4
-55°	3747.0	3790.1	3807.3	3824.5	3833.1	3833.1	3678.1	3505.8	3316.3	3187.1	3083.7
-57.5°	3368.0	3393.8	3411.0	3454.1	3488.6	3514.4	3376.6	3221.5	3075.1	2954.5	2859.8
-60°	3040.7	3075.1	3101.0	3144.0	3169.9	3187.1	3101.0	2997.6	2911.5	2833.9	2696.1
-62.5°	2747.8	2773.6	2799.5	2825.3	2851.2	2868.4	2833.9	2782.2	2739.2	2704.7	2532.4
-65°	2454.9	2480.8	2506.6	2541.1	2566.9	2584.1	2575.5	2541.1	2506.6	2472.1	2317.1
-67.5°	2187.9	2213.7	2248.2	2256.8	2274.0	2282.6	2265.4	2239.6	2196.5	2153.4	2032.8
-70°	1903.6	1920.9	1938.1	1938.1	1938.1	1929.5	1912.3	1877.8	1834.7	1774.4	1679.7
-72.5°	1645.2	1662.5	1679.7	1653.8	1636.6	1610.8	1584.9	1541.9	1498.8	1455.7	1404.0
-75°	1404.0	1412.7	1412.7	1378.2	1352.4	1326.5	1292.1	1266.2	1223.2	1188.7	1145.6
-77.5°	1119.8	1119.8	1119.8	1093.9	1076.7	1059.5	1033.7	1007.8	973.4	947.5	913.1
-80°	870.0	870.0	870.0	861.4	835.5	818.3	801.1	783.9	758.0	740.8	723.6
-82.5°	663.3	663.3	663.3	654.6	637.4	628.8	611.6	594.3	585.7	568.5	559.9
-85°	482.4	491.0	491.0	482.4	473.8	456.5	447.9	439.3	430.7	422.1	404.8
-87.5°	327.3	327.3	327.3	318.7	310.1	310.1	301.5	284.3	267.0	258.4	249.8
-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°	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6
85°	25.8	25.8	25.8	34.5	34.5	34.5	34.5	34.5	34.5	34.5	25.8
82.5°	43.1	43.1	51.7	51.7	60.3	60.3	60.3	60.3	60.3	60.3	60.3
80°	43.1	51.7	60.3	68.9	77.5	86.1	86.1	86.1	86.1	77.5	77.5
77.5°	51.7	51.7	60.3	68.9	77.5	86.1	94.8	103.4	94.8	94.8	94.8
75°	51.7	60.3	60.3	68.9	77.5	86.1	94.8	103.4	103.4	103.4	103.4
72.5°	43.1	51.7	60.3	68.9	68.9	77.5	86.1	86.1	94.8	94.8	103.4
70°	43.1	51.7	60.3	60.3	68.9	68.9	77.5	86.1	86.1	94.8	94.8
67.5°	51.7	60.3	60.3	68.9	77.5	77.5	77.5	86.1	86.1	94.8	94.8
65°	60.3	68.9	68.9	77.5	86.1	86.1	94.8	94.8	94.8	103.4	103.4
62.5°	103.4	103.4	103.4	94.8	103.4	103.4	103.4	112.0	112.0	103.4	112.0
60°	534.1	387.6	267.0	335.9	301.5	137.8	137.8	137.8	129.2	129.2	120.6
57.5°	1257.6	1171.5	1007.8	852.8	766.6	680.5	422.1	172.3	172.3	155.0	137.8
55°	2101.8	1817.5	1696.9	1490.2	1266.2	1162.9	964.7	654.6	310.1	206.7	180.9
52.5°	3256.0	2989.0	2678.9	2256.8	1955.3	1714.1	1550.5	1231.8	826.9	439.3	275.6
50°	4358.6	4238.0	4048.5	3635.0	3006.2	2601.4	2334.3	1972.6	1481.6	904.4	516.8
47.5°	7020.2	6012.4	5400.8	5082.1	4556.7	3790.1	3273.2	2868.4	2274.0	1524.6	913.1
45°	8837.7	8200.3	7226.9	6555.1	5779.8	4970.1	4298.3	3833.1	3126.8	2282.6	1429.9
42.5°	10396.8	9845.5	8966.9	7985.0	7166.7	6107.2	5245.8	4634.2	4039.9	3118.2	2136.2
40°	12403.8	11749.2	10905.0	9948.9	8992.8	7640.4	6245.0	5504.2	4849.5	4031.2	2885.6
37.5°	15711.5	14557.3	13179.1	12119.6	10870.6	9724.9	7812.7	6503.4	5728.2	4875.4	3764.2
35°	19691.1	18424.8	16125.0	14720.9	13049.8	11344.3	9621.6	7683.5	6580.9	5676.5	4573.9
32.5°	23395.0	21543.0	18597.1	16951.9	15840.7	12696.7	10913.6	9234.0	7459.5	6348.3	5039.1
30°	24420.0	22378.6	20268.2	18347.3	16452.3	13911.2	11800.9	10491.6	8562.1	6753.2	5478.4
27.5°	23386.4	21982.3	20345.7	18562.7	16512.6	14333.3	12343.5	11094.5	9371.8	7028.8	5822.9
25°	22335.5	20871.1	19725.5	18235.3	16340.3	14307.5	12360.7	11473.5	10000.6	7562.9	6012.4
22.5°	21224.3	20311.3	19363.7	17701.3	15909.6	14385.0	12920.6	11800.9	10327.9	8165.8	6089.9
20°	21284.6	20690.3	19648.0	17425.6	15832.1	14841.5	13592.5	12214.3	10681.1	8691.3	6150.2
17.5°	22249.3	21474.1	20164.8	18235.3	16529.8	15306.7	14152.4	12782.8	11042.8	9156.4	6882.4
15°	23438.0	22258.0	20888.4	19191.5	17262.0	15814.9	14583.1	13179.1	11456.3	9587.1	7537.0
12.5°	24299.4	22619.7	21336.3	19803.0	18054.4	16366.1	14867.4	13480.5	11843.9	9940.3	8028.0
10°	24592.3	23067.7	21551.6	20182.0	18459.3	16659.0	15082.7	13670.0	12179.9	10215.9	8389.8
7.5°	24747.3	23455.3	21698.1	20354.3	18700.5	16839.9	15255.0	13773.4	12446.9	10405.4	8622.4
5°	24730.1	23662.0	21810.0	20406.0	18829.7	16917.4	15375.6	13799.2	12636.4	10569.1	8760.2
2.5°	24652.6	23799.8	21990.9	20492.1	19088.1	17063.9	15608.1	13850.9	12705.3	10750.0	8854.9
0°	24936.8	23808.4	22180.4	20518.0	19260.4	17115.5	15711.5	13807.9	12610.5	10801.7	8846.3
-2.5°	24325.3	23300.2	22137.4	20294.0	19027.8	16995.0	15522.0	13670.0	12403.8	10741.4	8811.9
-5°	24221.9	22929.8	21775.6	20087.3	18640.2	16745.2	15168.8	13411.6	12076.5	10543.2	8674.1
-7.5°	23946.3	22576.7	21422.4	19923.6	18278.4	16486.7	14832.9	13144.6	11723.3	10233.1	8475.9
-10°	23343.3	22034.0	21043.4	19570.5	17839.1	16116.3	14428.1	12791.4	11309.9	9811.1	8165.8
-12.5°	22481.9	21172.6	20190.7	18821.1	17287.8	15616.8	13945.7	12334.9	10836.1	9363.2	7795.5
-15°	21508.6	20182.0	19200.1	17951.1	16469.5	14841.5	13334.1	11757.8	10293.4	8889.4	7356.2
-17.5°	20406.0	19148.4	18200.9	16986.3	15513.4	13962.9	12464.1	11034.2	9664.6	8398.4	6847.9
-20°	19131.2	17908.0	17038.0	15823.5	14471.1	12963.7	11508.0	10155.6	8923.9	7735.2	6288.0

REPORT NUMBER: P722495

CATALOG NUMBER: IFLD-S-SA6E-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°	17554.8	16478.1	15487.5	14402.2	13222.1	11843.9	10491.6	9294.2	8114.2	6951.3	5710.9
-25°	15944.1	14901.8	13937.1	12946.5	11818.1	10629.4	9475.1	8389.8	7235.6	6184.7	5151.0
-27.5°	14152.4	13222.1	12360.7	11447.7	10414.0	9389.0	8441.5	7382.0	6382.8	5487.0	4599.7
-30°	12240.2	11482.1	10732.7	9923.1	9087.5	8226.1	7382.0	6382.8	5598.9	4884.0	4134.6
-32.5°	10405.4	9724.9	9122.0	8519.0	7795.5	7089.1	6339.7	5598.9	4944.3	4315.5	3686.7
-35°	8794.7	8071.1	7735.2	7252.8	6675.7	6038.2	5426.7	4909.8	4384.4	3815.9	3256.0
-37.5°	7399.2	6934.1	6537.8	6176.1	5719.5	5168.3	4729.0	4306.9	3867.6	3350.8	2868.4
-40°	6305.3	5969.3	5573.1	5306.1	4935.7	4539.5	4100.2	3747.0	3376.6	2954.5	2558.3
-42.5°	5426.7	5151.0	4892.6	4608.4	4332.7	3996.8	3617.8	3281.8	2945.9	2635.8	2308.5
-45°	4703.1	4505.0	4298.3	4065.7	3824.5	3531.6	3221.5	2877.0	2635.8	2360.2	2084.5
-47.5°	4108.8	3962.3	3790.1	3609.2	3402.4	3144.0	2859.8	2610.0	2360.2	2127.6	1860.6
-50°	3635.0	3497.2	3359.4	3204.3	3023.4	2799.5	2584.1	2351.6	2119.0	1895.0	1645.2
-52.5°	3238.8	3118.2	3006.2	2877.0	2704.7	2515.2	2317.1	2110.4	1895.0	1671.1	1473.0
-55°	2963.1	2825.3	2713.3	2584.1	2429.1	2248.2	2067.3	1877.8	1671.1	1498.8	1335.1
-57.5°	2739.2	2584.1	2454.9	2317.1	2162.1	2007.0	1843.3	1671.1	1516.0	1352.4	1197.3
-60°	2549.7	2368.8	2222.4	2084.5	1938.1	1791.7	1653.8	1507.4	1361.0	1214.5	1059.5
-62.5°	2351.6	2162.1	1981.2	1852.0	1740.0	1610.8	1490.2	1352.4	1223.2	1076.7	964.7
-65°	2127.6	1946.7	1774.4	1662.5	1559.1	1447.1	1335.1	1214.5	1102.6	990.6	887.2
-67.5°	1877.8	1722.8	1602.2	1498.8	1395.4	1300.7	1197.3	1093.9	999.2	887.2	783.9
-70°	1576.3	1490.2	1421.3	1343.7	1249.0	1162.9	1068.1	973.4	870.0	775.2	680.5
-72.5°	1343.7	1292.1	1240.4	1162.9	1076.7	999.2	921.7	835.5	749.4	663.3	585.7
-75°	1102.6	1059.5	1016.4	964.7	895.8	835.5	766.6	689.1	620.2	559.9	499.6
-77.5°	887.2	852.8	826.9	783.9	732.2	680.5	637.4	585.7	534.1	473.8	413.5
-80°	706.3	689.1	680.5	663.3	620.2	577.1	542.7	499.6	447.9	404.8	361.8
-82.5°	551.3	551.3	542.7	534.1	499.6	465.1	439.3	404.8	370.4	335.9	292.9
-85°	404.8	396.2	396.2	387.6	361.8	344.6	318.7	301.5	275.6	241.2	224.0
-87.5°	241.2	232.6	224.0	215.3	198.1	189.5	172.3	163.7	146.4	129.2	120.6
-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: P722495

CATALOG NUMBER: IFLD-S-SA6E-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°	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	0.0	0.0
85°	25.8	17.2	17.2	17.2	17.2	17.2	8.6	8.6	8.6	8.6	8.6
82.5°	51.7	51.7	43.1	43.1	34.5	25.8	17.2	17.2	17.2	8.6	8.6
80°	77.5	77.5	77.5	68.9	60.3	43.1	34.5	25.8	17.2	8.6	8.6
77.5°	94.8	86.1	86.1	77.5	77.5	68.9	51.7	43.1	25.8	17.2	8.6
75°	94.8	94.8	94.8	86.1	86.1	77.5	68.9	51.7	43.1	25.8	17.2
72.5°	103.4	94.8	94.8	94.8	86.1	77.5	68.9	60.3	51.7	34.5	17.2
70°	94.8	94.8	94.8	94.8	86.1	86.1	68.9	60.3	60.3	34.5	25.8
67.5°	94.8	94.8	94.8	86.1	86.1	77.5	68.9	60.3	60.3	43.1	25.8
65°	103.4	94.8	94.8	94.8	86.1	77.5	68.9	60.3	60.3	51.7	34.5
62.5°	112.0	103.4	103.4	94.8	86.1	77.5	68.9	60.3	60.3	51.7	34.5
60°	120.6	112.0	103.4	103.4	94.8	86.1	68.9	68.9	60.3	51.7	34.5
57.5°	129.2	120.6	120.6	112.0	103.4	94.8	77.5	68.9	60.3	51.7	43.1
55°	155.0	137.8	129.2	129.2	120.6	103.4	86.1	68.9	60.3	51.7	43.1
52.5°	206.7	163.7	146.4	146.4	137.8	120.6	94.8	77.5	60.3	51.7	43.1
50°	327.3	206.7	172.3	155.0	155.0	137.8	112.0	86.1	60.3	51.7	43.1
47.5°	516.8	344.6	206.7	180.9	172.3	163.7	129.2	86.1	68.9	51.7	43.1
45°	852.8	508.2	335.9	215.3	180.9	172.3	146.4	94.8	68.9	60.3	43.1
42.5°	1171.5	792.5	516.8	258.4	215.3	189.5	155.0	103.4	77.5	60.3	43.1
40°	1843.3	1085.3	723.6	422.1	249.8	198.1	172.3	120.6	77.5	60.3	43.1
37.5°	2498.0	1438.5	973.4	620.2	284.3	224.0	180.9	129.2	86.1	60.3	51.7
35°	3152.6	2015.6	1205.9	826.9	379.0	267.0	189.5	137.8	86.1	60.3	51.7
32.5°	3738.4	2558.3	1447.1	1033.7	568.5	318.7	206.7	146.4	94.8	68.9	51.7
30°	4220.7	3057.9	1877.8	1214.5	740.8	387.6	224.0	146.4	103.4	68.9	51.7
27.5°	4582.5	3445.5	2317.1	1404.0	887.2	456.5	258.4	163.7	103.4	68.9	51.7
25°	4875.4	3747.0	2704.7	1602.2	1016.4	568.5	310.1	172.3	112.0	77.5	51.7
22.5°	5108.0	3996.8	3023.4	1869.2	1171.5	680.5	379.0	189.5	112.0	77.5	51.7
20°	5426.7	4246.6	3238.8	2153.4	1335.1	783.9	439.3	206.7	112.0	77.5	60.3
17.5°	5702.3	4496.4	3411.0	2394.6	1498.8	861.4	508.2	224.0	120.6	77.5	60.3
15°	6021.0	4737.6	3566.1	2584.1	1653.8	930.3	568.5	241.2	120.6	86.1	60.3
12.5°	6365.6	4961.5	3678.1	2739.2	1817.5	990.6	620.2	275.6	129.2	86.1	60.3
10°	6718.7	5151.0	3772.8	2851.2	1938.1	1050.9	654.6	310.1	137.8	86.1	60.3
7.5°	7071.9	5323.3	3893.4	2902.8	1989.8	1119.8	671.9	344.6	137.8	94.8	60.3
5°	7313.1	5435.3	4065.7	2937.3	2015.6	1197.3	697.7	387.6	146.4	94.8	60.3
2.5°	7519.8	5504.2	4246.6	2963.1	2024.2	1240.4	689.1	413.5	155.0	94.8	60.3
0°	7614.6	5504.2	4367.2	2945.9	1998.4	1283.5	689.1	439.3	155.0	94.8	60.3
-2.5°	7468.1	5659.2	4332.7	2954.5	2007.0	1283.5	723.6	447.9	172.3	103.4	60.3
-5°	7235.6	5719.5	4229.4	2911.5	1989.8	1283.5	766.6	456.5	180.9	103.4	68.9
-7.5°	7011.6	5745.4	4108.8	2868.4	1963.9	1249.0	775.2	447.9	198.1	112.0	68.9
-10°	6718.7	5461.1	3953.7	2790.9	1912.3	1223.2	792.5	447.9	206.7	112.0	68.9
-12.5°	6382.8	5116.6	3764.2	2678.9	1852.0	1197.3	801.1	447.9	215.3	120.6	68.9
-15°	5995.2	4763.4	3548.9	2558.3	1765.8	1162.9	783.9	439.3	224.0	120.6	77.5
-17.5°	5555.9	4418.9	3324.9	2411.9	1671.1	1119.8	749.4	430.7	224.0	120.6	77.5
-20°	5056.3	4074.3	3075.1	2265.4	1559.1	1068.1	714.9	413.5	224.0	120.6	77.5



REPORT NUMBER: P722495

CATALOG NUMBER: IFLD-S-SA6E-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°	4608.4	3755.6	2816.7	2101.8	1438.5	1007.8	671.9	396.2	224.0	129.2	77.5
-25°	4238.0	3445.5	2618.6	1938.1	1309.3	938.9	628.8	379.0	224.0	129.2	77.5
-27.5°	3850.4	3109.6	2411.9	1783.0	1223.2	878.6	585.7	361.8	215.3	129.2	77.5
-30°	3454.1	2782.2	2196.5	1610.8	1137.0	818.3	551.3	335.9	215.3	129.2	77.5
-32.5°	3092.3	2515.2	1998.4	1438.5	1042.3	758.0	516.8	327.3	206.7	129.2	77.5
-35°	2739.2	2274.0	1791.7	1300.7	938.9	697.7	482.4	318.7	206.7	129.2	77.5
-37.5°	2446.3	2050.1	1602.2	1205.9	878.6	646.0	447.9	301.5	198.1	129.2	77.5
-40°	2205.1	1843.3	1421.3	1102.6	826.9	594.3	413.5	292.9	198.1	129.2	77.5
-42.5°	1981.2	1645.2	1309.3	1016.4	775.2	559.9	387.6	284.3	189.5	129.2	77.5
-45°	1783.0	1473.0	1197.3	938.9	714.9	516.8	370.4	267.0	180.9	129.2	86.1
-47.5°	1584.9	1352.4	1093.9	870.0	654.6	465.1	353.2	258.4	172.3	120.6	86.1
-50°	1429.9	1223.2	1007.8	792.5	594.3	447.9	335.9	241.2	172.3	120.6	86.1
-52.5°	1292.1	1102.6	913.1	714.9	542.7	422.1	318.7	224.0	163.7	120.6	86.1
-55°	1162.9	990.6	818.3	637.4	508.2	396.2	292.9	206.7	163.7	120.6	86.1
-57.5°	1033.7	887.2	723.6	577.1	465.1	370.4	275.6	206.7	163.7	120.6	86.1
-60°	930.3	792.5	654.6	534.1	430.7	335.9	249.8	198.1	155.0	120.6	86.1
-62.5°	844.1	714.9	594.3	482.4	396.2	301.5	241.2	198.1	155.0	120.6	77.5
-65°	758.0	646.0	534.1	439.3	353.2	284.3	232.6	189.5	155.0	120.6	77.5
-67.5°	671.9	568.5	482.4	387.6	327.3	275.6	224.0	189.5	146.4	112.0	77.5
-70°	585.7	499.6	422.1	361.8	310.1	258.4	215.3	180.9	146.4	103.4	68.9
-72.5°	516.8	439.3	379.0	335.9	292.9	249.8	206.7	172.3	137.8	94.8	60.3
-75°	439.3	387.6	344.6	301.5	267.0	232.6	198.1	155.0	120.6	86.1	60.3
-77.5°	370.4	335.9	301.5	275.6	241.2	206.7	172.3	137.8	112.0	77.5	51.7
-80°	318.7	292.9	267.0	241.2	215.3	180.9	155.0	120.6	94.8	68.9	43.1
-82.5°	258.4	241.2	215.3	198.1	180.9	155.0	129.2	103.4	68.9	51.7	34.5
-85°	198.1	180.9	172.3	155.0	137.8	112.0	86.1	68.9	51.7	34.5	17.2
-87.5°	103.4	94.8	86.1	77.5	68.9	51.7	43.1	34.5	25.8	17.2	8.6
-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: P722495

CATALOG NUMBER: IFLD-S-SA6E-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°	8.6	0.0	0.0	0.0
77.5°	8.6	0.0	0.0	0.0
75°	8.6	8.6	0.0	0.0
72.5°	8.6	8.6	0.0	0.0
70°	8.6	8.6	0.0	0.0
67.5°	17.2	8.6	0.0	0.0
65°	17.2	8.6	0.0	0.0
62.5°	17.2	8.6	0.0	0.0
60°	17.2	8.6	0.0	0.0
57.5°	25.8	8.6	8.6	0.0
55°	25.8	8.6	8.6	0.0
52.5°	25.8	8.6	8.6	0.0
50°	25.8	17.2	8.6	0.0
47.5°	25.8	17.2	8.6	0.0
45°	25.8	17.2	8.6	0.0
42.5°	25.8	17.2	8.6	0.0
40°	34.5	17.2	8.6	0.0
37.5°	34.5	17.2	8.6	0.0
35°	34.5	17.2	8.6	0.0
32.5°	34.5	17.2	8.6	0.0
30°	34.5	17.2	8.6	0.0
27.5°	34.5	25.8	8.6	0.0
25°	34.5	25.8	8.6	0.0
22.5°	43.1	25.8	8.6	0.0
20°	43.1	25.8	8.6	0.0
17.5°	43.1	25.8	8.6	0.0
15°	43.1	25.8	8.6	0.0
12.5°	43.1	25.8	8.6	0.0
10°	43.1	25.8	8.6	0.0
7.5°	43.1	25.8	8.6	0.0
5°	43.1	25.8	8.6	0.0
2.5°	43.1	25.8	8.6	0.0
0°	43.1	25.8	8.6	0.0
-2.5°	43.1	25.8	8.6	0.0
-5°	43.1	25.8	8.6	0.0
-7.5°	43.1	25.8	8.6	0.0
-10°	43.1	25.8	8.6	0.0
-12.5°	51.7	25.8	8.6	0.0
-15°	51.7	25.8	8.6	0.0
-17.5°	51.7	25.8	8.6	0.0
-20°	51.7	25.8	8.6	0.0

REPORT NUMBER: P722495

CATALOG NUMBER: IFLD-S-SA6E-740-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	51.7	25.8	8.6	0.0
-25°	51.7	25.8	8.6	0.0
-27.5°	51.7	25.8	8.6	0.0
-30°	51.7	25.8	8.6	0.0
-32.5°	51.7	25.8	8.6	0.0
-35°	51.7	25.8	8.6	0.0
-37.5°	51.7	25.8	8.6	0.0
-40°	51.7	25.8	8.6	0.0
-42.5°	43.1	25.8	8.6	0.0
-45°	51.7	25.8	8.6	0.0
-47.5°	51.7	25.8	8.6	0.0
-50°	51.7	25.8	8.6	0.0
-52.5°	51.7	25.8	8.6	0.0
-55°	51.7	25.8	8.6	0.0
-57.5°	51.7	25.8	8.6	0.0
-60°	51.7	25.8	8.6	0.0
-62.5°	43.1	25.8	8.6	0.0
-65°	43.1	17.2	8.6	0.0
-67.5°	43.1	17.2	8.6	0.0
-70°	43.1	17.2	8.6	0.0
-72.5°	34.5	17.2	8.6	0.0
-75°	34.5	17.2	8.6	0.0
-77.5°	25.8	8.6	0.0	0.0
-80°	25.8	8.6	0.0	0.0
-82.5°	17.2	8.6	0.0	0.0
-85°	8.6	8.6	0.0	0.0
-87.5°	8.6	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)