

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: P722102

Luminaire Tested: **IFLD-L-SA8C-740-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722102
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA8C-740-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (128) 4000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

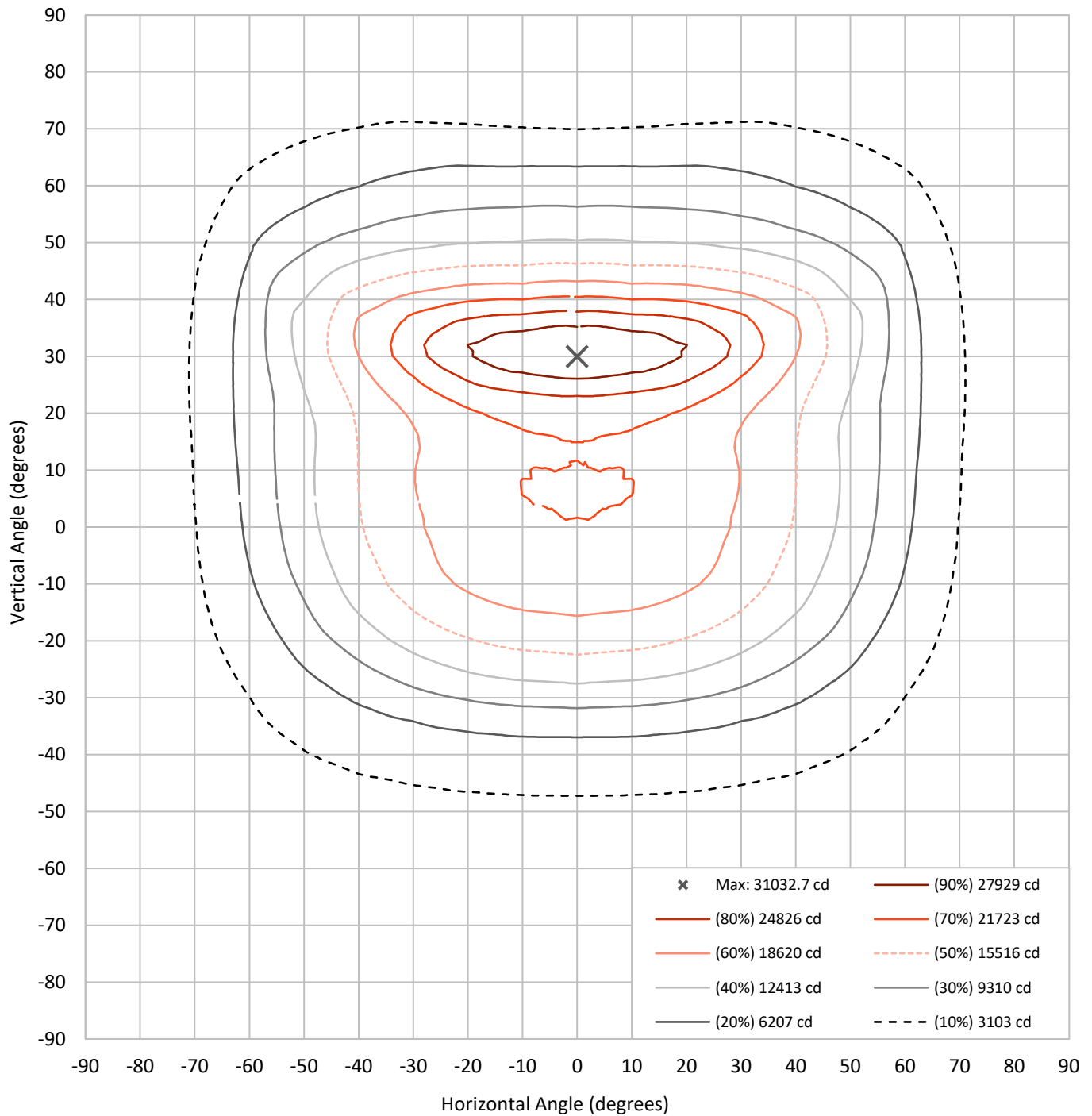
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	51801.4 lumens	Max Intensity:	31032.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	123.2 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	30123.1 lumens	Field Lumens:	48544.6 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 420.3
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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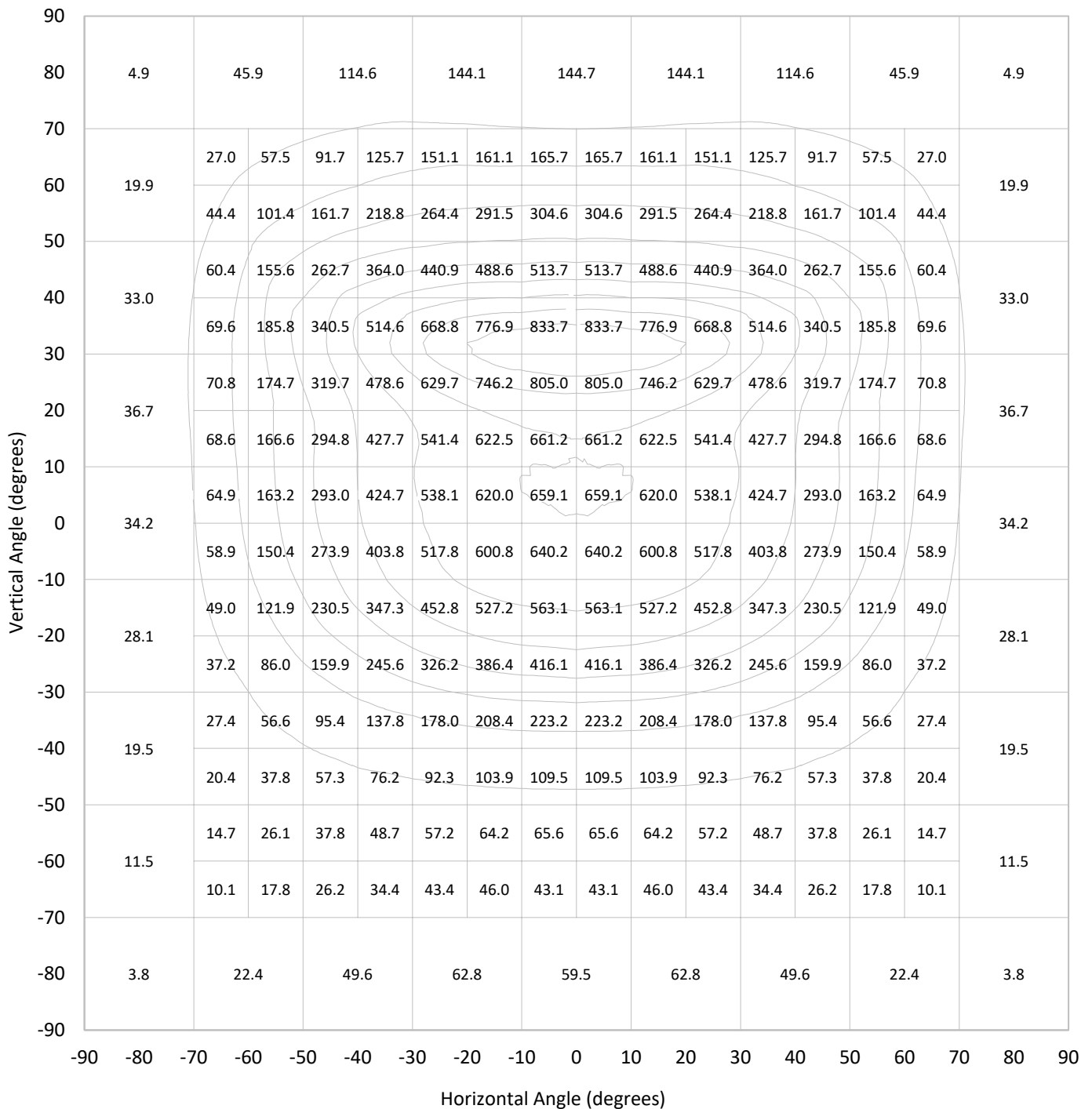
Iso-Candela Plot





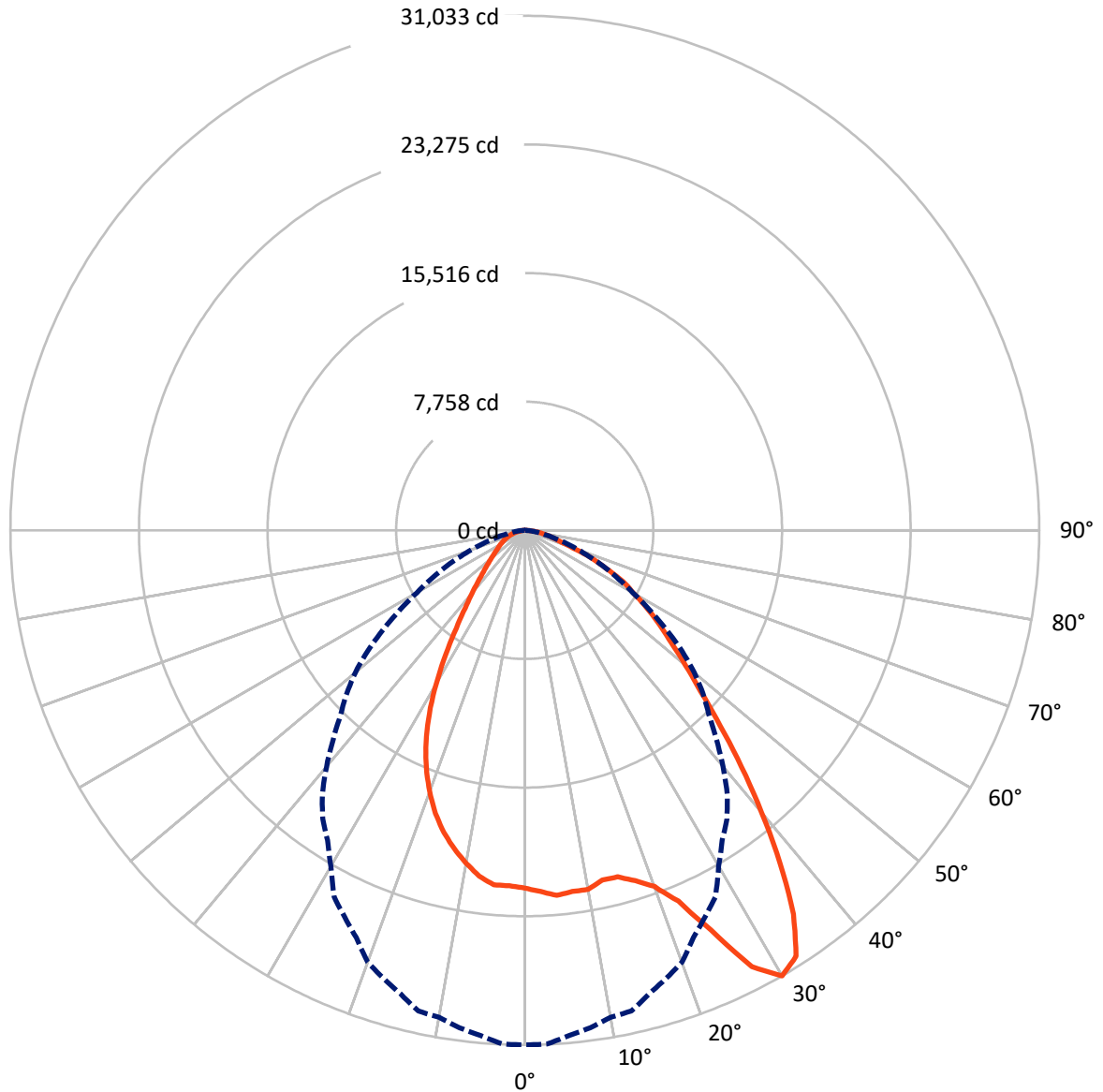
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Lumen Table



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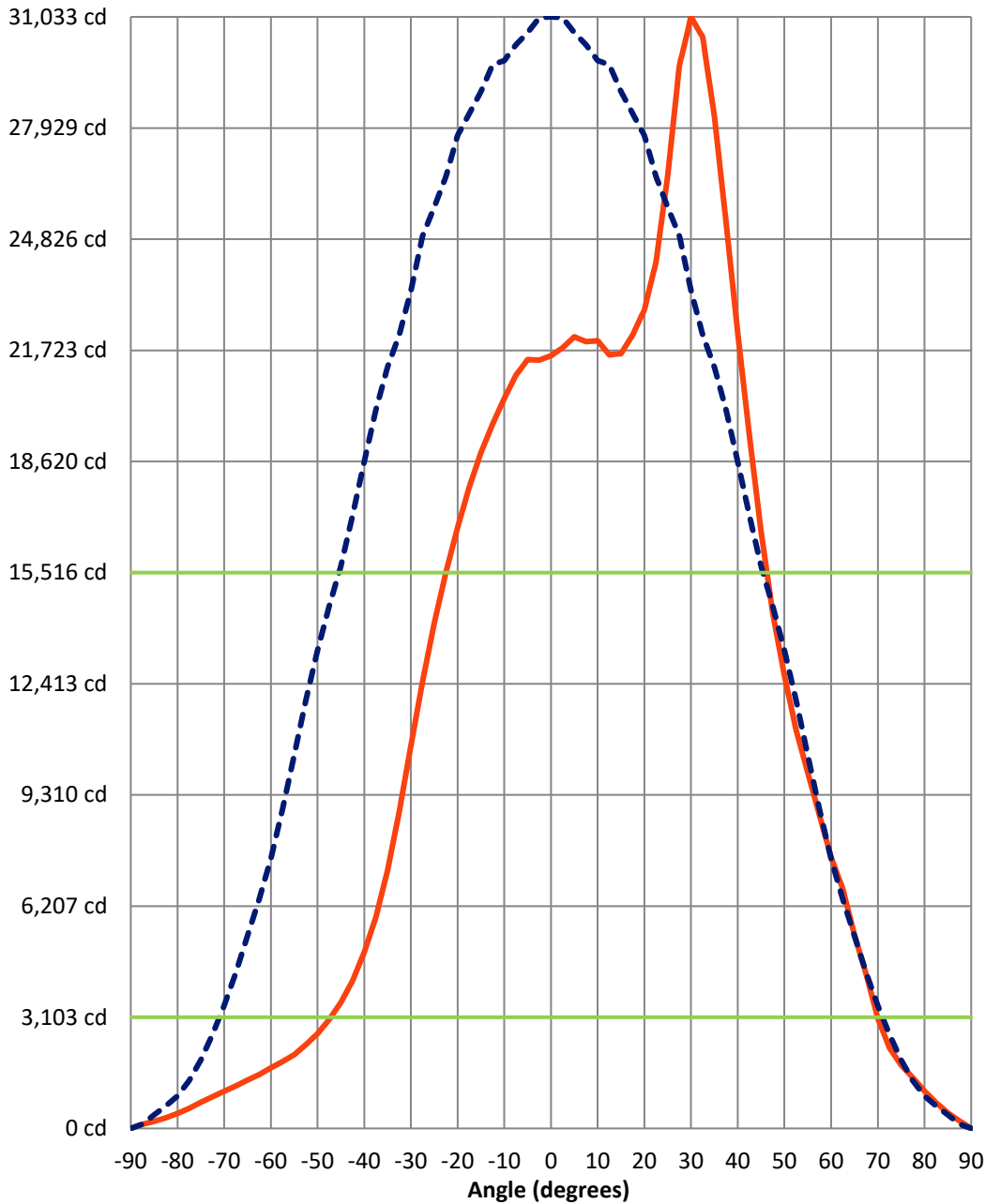
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 90.8°
 V Angle: 68.8°
 Lumens: 30123.1
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 48544.6
 Efficiency: 93.7%

Spill:
 Lumens: 3256.8
 Efficiency: 6.3%

— 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°	208.5	214.0	219.5	219.5	214.0	214.0	214.0	208.5	214.0	214.0	214.0
85°	433.5	444.5	455.5	450.0	444.5	433.5	422.5	428.0	433.5	439.0	439.0
82.5°	718.9	735.3	746.3	740.8	729.9	718.9	707.9	713.4	724.4	729.9	729.9
80°	1042.7	1048.1	1053.6	1064.6	1048.1	1048.1	1042.7	1064.6	1075.6	1086.6	1097.5
77.5°	1415.8	1421.3	1421.3	1426.8	1432.3	1437.8	1437.8	1476.2	1503.6	1520.1	1536.5
75°	1767.0	1783.5	1800.0	1816.4	1838.4	1849.3	1865.8	1920.7	1964.6	1997.5	2030.4
72.5°	2249.9	2271.9	2299.3	2337.7	2376.2	2403.6	2442.0	2507.9	2557.2	2590.2	2628.6
70°	3078.6	3100.5	3128.0	3155.4	3193.8	3221.3	3259.7	3342.0	3391.4	3413.3	3435.3
67.5°	4307.8	4362.7	4412.1	4357.2	4329.8	4291.3	4302.3	4379.2	4428.5	4461.5	4456.0
65°	5399.9	5438.3	5438.3	5432.8	5410.8	5361.4	5388.9	5482.2	5537.0	5564.5	5482.2
62.5°	6684.0	6684.0	6656.5	6700.4	6705.9	6673.0	6656.5	6662.0	6667.5	6684.0	6546.8
60°	7573.0	7627.8	7644.3	7682.7	7693.7	7693.7	7721.1	7743.1	7743.1	7710.2	7551.0
57.5°	8747.3	8851.6	8873.5	8846.1	8791.2	8719.9	8708.9	8676.0	8610.1	8544.3	8467.5
55°	9932.7	9987.5	9982.1	9965.6	9910.7	9828.4	9839.4	9795.5	9691.2	9608.9	9504.6
52.5°	11123.5	11255.2	11277.1	11244.2	11167.4	11079.6	11085.1	11035.7	10931.4	10843.6	10700.9
50°	12643.6	12753.3	12742.3	12687.5	12577.7	12511.9	12517.3	12424.1	12303.3	12275.9	12089.3
47.5°	14383.2	14509.4	14487.4	14410.6	14262.4	14235.0	14262.4	14141.7	14070.4	14010.0	13790.5
45°	16666.0	16814.2	16731.9	16583.7	16347.7	16375.2	16413.6	16391.6	16238.0	16078.8	15799.0
42.5°	19344.0	19437.3	19338.5	19190.3	18894.0	18948.9	18926.9	18795.2	18701.9	18438.5	18081.8
40°	22208.6	22411.6	22257.9	22027.5	21720.2	21802.5	21742.1	21572.0	21352.5	21023.2	20573.2
37.5°	25298.1	25457.2	25281.6	25012.7	24738.4	24710.9	24590.2	24326.8	24014.0	23651.8	22932.9
35°	28256.0	28667.5	28343.8	27915.7	27581.0	27454.8	27339.5	26730.4	26373.7	25786.5	24804.2
32.5°	30456.5	30758.3	30357.7	29913.2	29507.1	29331.5	28925.4	28201.1	28009.0	26774.3	25874.3
30°	31032.7	31010.8	30593.7	30253.5	29814.4	29693.7	28947.4	28332.8	27718.2	26576.7	25720.7
27.5°	29660.8	29523.6	29123.0	28826.7	28393.1	28250.5	27515.1	27185.9	26236.5	25270.7	24546.3
25°	26604.2	26675.5	26373.7	26225.5	25940.2	25632.9	25342.0	24897.5	24304.8	23459.7	22795.7
22.5°	24195.1	24288.4	24162.2	23986.6	23767.0	23596.9	23377.4	23031.7	22461.0	21939.7	21314.1
20°	22856.1	22828.7	22718.9	22587.2	22378.7	22257.9	22016.5	21725.6	21286.6	20836.6	20161.7
17.5°	22153.7	21983.6	21879.3	21829.9	21720.2	21566.5	21281.1	20984.8	20644.6	20134.2	19640.3
15°	21632.3	21659.8	21577.5	21539.1	21451.3	21237.2	20946.4	20704.9	20244.0	19986.1	19536.1
12.5°	21599.4	21572.0	21577.5	21561.0	21451.3	21176.9	21028.7	20721.4	20425.1	20084.8	19569.0
10°	21989.0	21698.2	21720.2	21797.0	21621.4	21401.9	21242.7	20908.0	20628.1	20194.6	19684.2
7.5°	21967.1	21818.9	21862.8	21736.6	21791.5	21522.6	21303.1	20968.3	20617.1	20156.2	19695.2
5°	22098.8	21873.8	21835.4	21846.4	21709.2	21506.1	21209.8	20891.5	20562.3	20046.4	19574.5
2.5°	21797.0	21829.9	21654.3	21588.4	21572.0	21231.7	20957.4	20650.1	20309.8	19854.3	19431.8
0°	21572.0	21632.3	21451.3	21358.0	21352.5	21061.6	20886.0	20534.8	20293.4	19914.7	19404.4
-2.5°	21451.3	21522.6	21544.5	21374.4	21209.8	20984.8	20688.5	20309.8	19914.7	19475.7	19036.7
-5°	21462.2	21319.6	21259.2	21314.1	21171.4	20946.4	20617.1	20282.4	19892.8	19420.8	18872.1
-7.5°	21028.7	20886.0	20875.1	20847.6	20814.7	20600.7	20326.3	19964.1	19569.0	19130.0	18619.6
-10°	20381.2	20276.9	20249.5	20222.0	20134.2	20008.0	19750.1	19420.8	19064.1	18625.1	18081.8
-12.5°	19662.3	19612.9	19508.6	19437.3	19349.5	19201.3	18954.4	18652.5	18295.9	17906.2	17439.8
-15°	18866.6	18773.3	18669.0	18608.6	18482.4	18306.8	18059.9	17780.0	17390.4	17006.3	16567.2
-17.5°	17906.2	17791.0	17675.7	17659.3	17571.5	17302.6	17072.1	16731.9	16391.6	16024.0	15595.9
-20°	16775.8	16616.6	16539.8	16495.9	16375.2	16177.6	15930.7	15617.9	15288.6	14937.4	14443.5



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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°	15524.6	15387.4	15255.7	15173.4	15069.1	14915.5	14679.5	14405.1	14081.3	13686.2	13230.7
-25°	14103.3	13911.2	13828.9	13735.6	13680.7	13538.1	13307.6	13055.1	12720.4	12336.3	11902.7
-27.5°	12478.9	12325.3	12281.4	12149.7	12083.8	11935.7	11743.6	11507.6	11200.3	10838.1	10481.4
-30°	10684.5	10591.2	10519.8	10388.1	10338.7	10179.6	10053.4	9855.8	9576.0	9318.0	9032.7
-32.5°	8840.6	8747.3	8725.4	8665.0	8632.1	8527.8	8385.1	8242.5	8017.5	7825.4	7594.9
-35°	7205.3	7139.4	7144.9	7139.4	7106.5	7029.7	6854.1	6815.7	6651.0	6475.4	6327.3
-37.5°	5899.2	5904.7	5899.2	5893.7	5849.8	5816.9	5690.7	5641.3	5542.5	5372.4	5284.6
-40°	4916.9	4927.9	4922.4	4911.5	4862.1	4845.6	4763.3	4697.4	4659.0	4538.3	4445.0
-42.5°	4121.2	4137.7	4132.2	4126.7	4093.8	4088.3	4044.4	3967.6	3945.6	3874.3	3775.5
-45°	3517.6	3512.1	3501.1	3512.1	3495.6	3479.2	3451.7	3402.3	3374.9	3342.0	3259.7
-47.5°	3040.2	3045.7	3034.7	3034.7	3012.7	2996.3	2985.3	2952.4	2930.4	2903.0	2853.6
-50°	2645.1	2667.0	2661.5	2656.0	2639.6	2628.6	2628.6	2595.7	2562.7	2551.8	2518.8
-52.5°	2337.7	2354.2	2359.7	2370.7	2376.2	2381.6	2365.2	2332.3	2277.4	2271.9	2255.4
-55°	2057.9	2107.3	2140.2	2162.1	2184.1	2200.6	2167.6	2123.7	2068.8	2046.9	2041.4
-57.5°	1865.8	1915.2	1953.6	1986.5	2014.0	2041.4	2008.5	1964.6	1915.2	1887.8	1882.3
-60°	1690.2	1734.1	1772.5	1816.4	1854.8	1898.7	1882.3	1849.3	1821.9	1800.0	1778.0
-62.5°	1503.6	1547.5	1591.4	1646.3	1695.7	1739.6	1745.1	1739.6	1734.1	1739.6	1701.2
-65°	1350.0	1371.9	1399.4	1459.7	1514.6	1564.0	1591.4	1607.9	1635.3	1662.8	1624.3
-67.5°	1185.3	1212.8	1245.7	1289.6	1333.5	1366.4	1404.8	1448.7	1492.6	1536.5	1509.1
-70°	1037.2	1059.1	1086.6	1108.5	1135.9	1157.9	1190.8	1240.2	1289.6	1333.5	1322.5
-72.5°	883.5	905.5	921.9	932.9	949.4	960.3	976.8	1020.7	1053.6	1075.6	1075.6
-75°	729.9	751.8	768.3	773.8	784.7	790.2	801.2	817.7	834.1	839.6	845.1
-77.5°	559.7	581.7	598.2	609.1	620.1	631.1	636.6	647.5	653.0	653.0	658.5
-80°	417.1	433.5	444.5	461.0	466.5	477.4	488.4	493.9	499.4	499.4	504.9
-82.5°	296.3	307.3	318.3	329.3	340.2	345.7	356.7	362.2	367.7	373.2	378.6
-85°	197.6	208.5	219.5	230.5	236.0	241.5	246.9	252.4	257.9	263.4	268.9
-87.5°	115.2	120.7	126.2	137.2	142.7	153.7	159.1	153.7	159.1	159.1	159.1
-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°	214.0	214.0	214.0	214.0	208.5	197.6	192.1	181.1	170.1	159.1	148.2
85°	444.5	450.0	450.0	450.0	439.0	433.5	417.1	400.6	378.6	345.7	318.3
82.5°	740.8	746.3	746.3	740.8	729.9	713.4	691.4	664.0	620.1	576.2	537.8
80°	1114.0	1119.5	1119.5	1114.0	1086.6	1059.1	1031.7	998.8	943.9	883.5	817.7
77.5°	1558.5	1569.5	1569.5	1553.0	1514.6	1481.7	1437.8	1382.9	1300.6	1212.8	1125.0
75°	2074.3	2101.8	2107.3	2090.8	2041.4	1981.0	1909.7	1816.4	1690.2	1580.4	1476.2
72.5°	2672.5	2699.9	2721.9	2699.9	2628.6	2546.3	2442.0	2332.3	2206.0	2057.9	1882.3
70°	3457.2	3484.7	3501.1	3429.8	3303.6	3166.4	3040.2	2913.9	2765.8	2584.7	2392.6
67.5°	4445.0	4417.6	4384.6	4242.0	4082.8	3918.2	3742.6	3556.0	3363.9	3171.9	2946.9
65°	5394.4	5317.5	5246.2	5076.1	4873.0	4659.0	4456.0	4247.4	4017.0	3775.5	3561.5
62.5°	6393.1	6228.5	6052.9	5844.4	5635.8	5399.9	5196.8	4949.9	4691.9	4395.6	4121.2
60°	7375.4	7177.9	7002.3	6744.3	6469.9	6151.7	5932.2	5690.7	5388.9	5070.6	4746.8
57.5°	8324.8	8110.8	7918.7	7693.7	7397.4	7051.6	6810.2	6497.4	6179.1	5778.5	5449.2
55°	9334.5	9120.5	8966.8	8714.4	8390.6	8072.3	7808.9	7479.7	7035.2	6607.1	6201.1
52.5°	10492.4	10322.3	10157.7	9899.7	9510.1	9186.3	8895.5	8527.8	8061.4	7534.6	7046.2
50°	11787.5	11699.7	11524.1	11222.3	10777.8	10492.4	10108.3	9619.9	9120.5	8566.2	7957.1
47.5°	13505.1	13362.4	13115.5	12786.2	12413.1	11985.0	11469.2	10898.5	10190.6	9576.0	8928.4
45°	15557.5	15294.1	14975.8	14531.3	14070.4	13587.4	13022.2	12297.8	11348.5	10547.3	9866.8
42.5°	17780.0	17423.3	16989.8	16408.1	15809.9	15217.3	14608.1	13620.4	12435.0	11513.1	10744.8
40°	20101.3	19645.8	19102.5	18257.4	17593.4	16830.6	16133.7	14657.5	13395.4	12396.6	11579.0
37.5°	22373.2	21797.0	20886.0	19859.8	19086.1	18460.5	16929.4	15349.0	14218.5	13121.0	12292.4
35°	24112.8	23624.4	22016.5	20951.9	20287.9	19300.1	17384.9	15766.0	14569.7	13658.8	12369.2
32.5°	25144.4	23882.3	22472.0	21396.4	20847.6	19228.8	17417.8	15886.8	14734.4	13713.7	12171.6
30°	24914.0	23388.4	22153.7	21253.7	20062.9	18608.6	17110.5	15700.2	14580.7	13346.0	11952.1
27.5°	23525.6	22345.7	21242.7	20304.3	19135.5	17829.4	16446.5	15206.3	14163.6	12967.3	11650.3
25°	21956.1	20886.0	20068.4	19250.7	18142.2	16896.5	15678.2	14783.8	13735.6	12555.8	11255.2
22.5°	20512.9	19744.6	19102.5	18246.5	17165.4	16078.8	15321.5	14394.1	13318.5	12122.2	10849.1
20°	19590.9	19069.6	18334.3	17390.4	16539.8	15859.3	15019.7	14037.4	12928.9	11677.7	10503.4
17.5°	19146.4	18542.8	17725.1	17110.5	16457.5	15711.2	14772.8	13730.1	12550.3	11474.7	10541.8
15°	18916.0	18279.4	17741.6	17138.0	16402.6	15617.9	14575.2	13494.2	12550.3	11557.0	10569.2
12.5°	18965.3	18416.6	17829.4	17170.9	16380.7	15541.0	14597.2	13592.9	12616.1	11617.4	10574.7
10°	19119.0	18542.8	17917.2	17187.3	16391.6	15563.0	14657.5	13653.3	12649.1	11644.8	10563.7
7.5°	19173.9	18548.3	17878.8	17143.4	16364.2	15552.0	14668.5	13669.8	12654.5	11639.3	10530.8
5°	19003.8	18438.5	17791.0	17050.2	16287.4	15497.1	14624.6	13647.8	12610.6	11584.4	10448.5
2.5°	18773.3	18317.8	17697.7	16984.3	16210.5	15420.3	14553.3	13549.0	12511.9	11485.7	10344.2
0°	18734.9	18169.6	17544.0	16907.5	16084.3	15250.2	14388.6	13362.4	12330.8	11299.1	10163.1
-2.5°	18482.4	17884.3	17258.7	16567.2	15842.9	15003.3	14097.8	13093.6	12072.8	11057.6	9965.6
-5°	18290.4	17626.4	16962.4	16216.0	15486.2	14646.6	13708.2	12731.4	11732.6	10744.8	9691.2
-7.5°	18032.4	17352.0	16655.0	15875.8	15085.6	14229.5	13302.1	12325.3	11343.0	10360.7	9351.0
-10°	17511.1	16913.0	16259.9	15453.2	14619.1	13763.0	12841.1	11880.8	10898.5	9905.2	8890.0
-12.5°	16880.0	16249.0	15535.6	14794.7	14048.4	13252.7	12330.8	11386.9	10399.1	9400.4	8390.6
-15°	16062.4	15442.3	14712.4	13988.0	13269.2	12506.4	11694.2	10843.6	9839.4	8857.1	7847.4
-17.5°	15041.7	14460.0	13806.9	13115.5	12402.1	11633.8	10843.6	10124.7	9186.3	8264.4	7265.7
-20°	13944.1	13400.9	12813.7	12160.7	11447.3	10695.4	9949.1	9197.3	8385.1	7573.0	6645.6



REPORT NUMBER: P722102
 CATALOG NUMBER: IFLD-L-SA8C-740-U-76

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	12802.7	12253.9	11661.3	11052.1	10393.6	9696.7	9005.2	8286.4	7573.0	6837.6	6052.9
-25°	11485.7	11002.8	10459.5	9866.8	9279.6	8670.5	8012.0	7358.9	6749.8	6113.3	5471.2
-27.5°	10108.3	9663.8	9169.9	8654.0	8149.2	7638.8	7068.1	6464.5	5959.6	5432.8	4900.5
-30°	8659.5	8302.8	7902.2	7452.2	7062.6	6651.0	6173.6	5674.2	5213.3	4812.7	4384.6
-32.5°	7287.6	6985.8	6700.4	6404.1	6020.0	5701.7	5372.4	5004.7	4598.7	4220.0	3912.7
-35°	6107.8	5784.0	5663.3	5443.8	5169.4	4889.5	4648.0	4384.6	4077.3	3742.6	3490.2
-37.5°	5114.5	4922.4	4752.3	4631.6	4450.5	4225.5	4033.4	3841.4	3605.4	3353.0	3100.5
-40°	4340.7	4209.0	4022.5	3962.1	3846.8	3693.2	3495.6	3347.5	3188.3	2996.3	2782.2
-42.5°	3720.6	3621.9	3501.1	3396.9	3347.5	3237.7	3084.1	2941.4	2815.2	2683.5	2518.8
-45°	3210.3	3144.4	3067.6	2974.3	2935.9	2848.1	2738.3	2579.2	2507.9	2398.1	2277.4
-47.5°	2798.7	2765.8	2710.9	2650.5	2595.7	2529.8	2431.0	2332.3	2233.5	2162.1	2068.8
-50°	2474.9	2453.0	2420.1	2370.7	2299.3	2255.4	2189.6	2101.8	2008.5	1948.1	1882.3
-52.5°	2217.0	2195.1	2173.1	2134.7	2079.8	2035.9	1981.0	1909.7	1832.9	1772.5	1717.6
-55°	2019.5	1986.5	1970.1	1937.1	1893.2	1843.9	1794.5	1745.1	1679.2	1624.3	1569.5
-57.5°	1865.8	1821.9	1800.0	1772.5	1728.6	1679.2	1640.8	1591.4	1547.5	1487.2	1437.8
-60°	1745.1	1695.7	1651.8	1624.3	1585.9	1536.5	1498.1	1459.7	1415.8	1366.4	1306.1
-62.5°	1646.3	1585.9	1525.6	1492.6	1454.2	1410.3	1371.9	1333.5	1289.6	1240.2	1185.3
-65°	1553.0	1481.7	1404.8	1371.9	1333.5	1289.6	1240.2	1212.8	1174.4	1130.5	1075.6
-67.5°	1437.8	1360.9	1295.1	1256.7	1218.3	1179.8	1135.9	1108.5	1070.1	1015.2	960.3
-70°	1267.6	1218.3	1174.4	1141.4	1108.5	1075.6	1031.7	987.8	943.9	894.5	845.1
-72.5°	1053.6	1037.2	1031.7	1015.2	976.8	938.4	894.5	850.6	812.2	773.8	735.3
-75°	850.6	861.6	872.5	867.0	828.6	790.2	751.8	713.4	686.0	653.0	620.1
-77.5°	675.0	686.0	696.9	696.9	669.5	647.5	620.1	592.7	570.7	543.3	510.4
-80°	521.3	537.8	554.3	565.2	543.3	526.8	504.9	482.9	461.0	439.0	417.1
-82.5°	395.1	411.6	428.0	439.0	422.5	411.6	395.1	378.6	362.2	340.2	323.8
-85°	285.4	296.3	307.3	312.8	301.8	290.8	279.9	268.9	257.9	241.5	230.5
-87.5°	164.6	170.1	175.6	181.1	170.1	159.1	153.7	142.7	137.2	126.2	120.7
-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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 CATALOG NUMBER: IFLD-L-SA8C-740-U-76

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°	137.2	126.2	115.2	109.8	98.8	82.3	71.3	60.4	49.4	38.4	32.9
85°	290.8	263.4	230.5	214.0	192.1	170.1	148.2	126.2	104.3	82.3	60.4
82.5°	499.4	466.5	433.5	395.1	345.7	285.4	225.0	186.6	153.7	120.7	93.3
80°	751.8	691.4	636.6	587.2	532.3	455.5	373.2	296.3	208.5	159.1	120.7
77.5°	1042.7	971.3	894.5	812.2	724.4	620.1	526.8	428.0	323.8	219.5	153.7
75°	1371.9	1278.6	1174.4	1059.1	943.9	806.7	675.0	559.7	439.0	307.3	186.6
72.5°	1739.6	1624.3	1498.1	1344.5	1163.4	1004.2	845.1	691.4	548.8	389.6	252.4
70°	2211.5	2030.4	1843.9	1679.2	1448.7	1196.3	1009.7	834.1	653.0	477.4	318.3
67.5°	2716.4	2496.9	2271.9	2030.4	1739.6	1443.3	1174.4	976.8	762.8	559.7	378.6
65°	3265.2	2990.8	2705.4	2436.5	2035.9	1684.7	1382.9	1114.0	867.0	636.6	439.0
62.5°	3830.4	3506.6	3177.4	2826.1	2365.2	1931.7	1580.4	1267.6	965.8	707.9	493.9
60°	4434.0	4055.4	3654.8	3215.8	2678.0	2200.6	1767.0	1426.8	1070.1	779.2	554.3
57.5°	5070.6	4659.0	4187.1	3594.4	3001.7	2458.5	1981.0	1569.5	1163.4	845.1	598.2
55°	5762.0	5290.1	4774.3	3989.5	3320.0	2716.4	2195.1	1712.1	1262.2	900.0	642.1
52.5°	6508.4	5959.6	5306.6	4406.6	3654.8	2979.8	2392.6	1838.4	1355.5	960.3	680.5
50°	7342.5	6651.0	5773.0	4790.7	3945.6	3226.7	2590.2	1975.6	1432.3	1026.2	713.4
47.5°	8209.5	7463.2	6190.1	5147.4	4242.0	3468.2	2793.2	2096.3	1509.1	1081.1	746.3
45°	9115.0	8028.4	6623.6	5465.7	4499.9	3687.7	2946.9	2206.0	1602.4	1130.5	773.8
42.5°	10009.5	8456.5	7002.3	5784.0	4741.3	3885.3	3073.1	2310.3	1679.2	1179.8	801.2
40°	10432.0	8780.3	7304.1	6003.5	4944.4	4060.9	3182.8	2403.6	1745.1	1212.8	828.6
37.5°	10607.6	8977.8	7501.6	6212.0	5103.5	4154.2	3276.1	2485.9	1800.0	1245.7	850.6
35°	10646.1	9049.1	7600.4	6354.7	5235.2	4242.0	3347.5	2546.3	1843.9	1278.6	872.5
32.5°	10574.7	9027.2	7627.8	6404.1	5317.5	4307.8	3396.9	2590.2	1876.8	1311.6	894.5
30°	10415.6	8912.0	7529.1	6398.6	5377.9	4346.2	3429.8	2623.1	1909.7	1333.5	905.5
27.5°	10157.7	8708.9	7402.9	6404.1	5410.8	4362.7	3446.2	2639.6	1931.7	1350.0	927.4
25°	9839.4	8434.5	7408.3	6393.1	5416.3	4368.2	3446.2	2639.6	1937.1	1355.5	943.9
22.5°	9471.7	8434.5	7408.3	6376.7	5383.4	4357.2	3429.8	2628.6	1937.1	1366.4	960.3
20°	9493.6	8440.0	7391.9	6343.7	5334.0	4324.3	3391.4	2601.1	1920.7	1382.9	971.3
17.5°	9510.1	8429.0	7358.9	6299.8	5268.2	4269.4	3342.0	2562.7	1920.7	1399.4	976.8
15°	9510.1	8396.1	7309.6	6234.0	5185.8	4192.6	3270.6	2529.8	1926.2	1404.8	987.8
12.5°	9493.6	8335.8	7232.7	6146.2	5087.1	4099.3	3226.7	2518.8	1926.2	1410.3	987.8
10°	9460.7	8253.4	7134.0	6036.4	4993.8	4066.4	3204.8	2496.9	1915.2	1410.3	987.8
7.5°	9400.4	8154.7	7051.6	5970.6	4938.9	4027.9	3171.9	2464.0	1898.7	1399.4	998.8
5°	9307.1	8099.8	6985.8	5893.7	4862.1	4000.5	3149.9	2436.5	1887.8	1399.4	987.8
2.5°	9186.3	8033.9	6909.0	5795.0	4774.3	3907.2	3078.6	2376.2	1849.3	1377.4	976.8
0°	8988.8	7902.2	6777.3	5657.8	4653.5	3813.9	3007.2	2315.8	1810.9	1355.5	965.8
-2.5°	8807.7	7726.6	6607.1	5515.1	4538.3	3731.6	2952.4	2282.9	1794.5	1350.0	960.3
-5°	8555.3	7485.2	6382.1	5328.5	4384.6	3649.3	2897.5	2244.5	1778.0	1339.0	960.3
-7.5°	8275.4	7232.7	6146.2	5136.4	4231.0	3506.6	2793.2	2184.1	1739.6	1317.0	954.9
-10°	7841.9	6854.1	5849.8	4916.9	4066.4	3380.4	2705.4	2129.2	1706.7	1295.1	932.9
-12.5°	7380.9	6437.0	5509.6	4648.0	3879.8	3248.7	2606.6	2068.8	1668.2	1273.1	921.9
-15°	6892.5	6009.0	5152.9	4368.2	3676.7	3089.6	2502.4	2003.0	1629.8	1245.7	905.5
-17.5°	6382.1	5559.0	4785.2	4082.8	3473.7	2924.9	2392.6	1942.6	1585.9	1218.3	889.0
-20°	5844.4	5098.0	4412.1	3792.0	3259.7	2760.3	2277.4	1871.3	1536.5	1185.3	867.0



REPORT NUMBER: P722102
 CATALOG NUMBER: IFLD-L-SA8C-740-U-76

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	5312.1	4642.6	4027.9	3506.6	3040.2	2590.2	2162.1	1800.0	1481.7	1146.9	850.6
-25°	4840.1	4214.5	3687.7	3232.2	2826.1	2425.5	2041.4	1728.6	1421.3	1108.5	828.6
-27.5°	4379.2	3846.8	3353.0	2974.3	2617.6	2266.4	1926.2	1651.8	1360.9	1064.6	806.7
-30°	3951.1	3495.6	3089.6	2721.9	2420.1	2123.7	1827.4	1575.0	1295.1	1020.7	779.2
-32.5°	3561.5	3193.8	2853.6	2502.4	2233.5	1981.0	1734.1	1498.1	1229.2	976.8	751.8
-35°	3199.3	2913.9	2617.6	2321.3	2046.9	1849.3	1635.3	1415.8	1168.9	927.4	724.4
-37.5°	2875.5	2645.1	2409.1	2156.6	1920.7	1723.1	1542.0	1333.5	1108.5	883.5	696.9
-40°	2595.7	2409.1	2200.6	1997.5	1800.0	1613.4	1448.7	1251.2	1048.1	850.6	669.5
-42.5°	2337.7	2195.1	2024.9	1854.8	1679.2	1514.6	1355.5	1163.4	987.8	812.2	642.1
-45°	2140.2	1997.5	1860.3	1706.7	1558.5	1415.8	1256.7	1086.6	932.9	768.3	614.6
-47.5°	1953.6	1827.4	1701.2	1575.0	1454.2	1322.5	1163.4	1020.7	872.5	729.9	592.7
-50°	1789.0	1668.2	1558.5	1448.7	1344.5	1218.3	1070.1	954.9	823.1	691.4	565.2
-52.5°	1635.3	1531.1	1421.3	1333.5	1245.7	1119.5	998.8	889.0	773.8	647.5	537.8
-55°	1498.1	1399.4	1300.6	1218.3	1135.9	1026.2	927.4	834.1	724.4	614.6	510.4
-57.5°	1366.4	1284.1	1190.8	1114.0	1031.7	943.9	861.6	773.8	675.0	581.7	482.9
-60°	1245.7	1168.9	1086.6	1009.7	938.4	867.0	790.2	718.9	631.1	543.3	455.5
-62.5°	1125.0	1059.1	987.8	911.0	856.1	790.2	729.9	658.5	587.2	510.4	406.1
-65°	1015.2	954.9	889.0	823.1	773.8	724.4	669.5	603.6	543.3	471.9	362.2
-67.5°	905.5	850.6	795.7	740.8	696.9	658.5	603.6	554.3	504.9	428.0	318.3
-70°	801.2	757.3	707.9	664.0	631.1	587.2	548.8	504.9	461.0	373.2	268.9
-72.5°	702.4	658.5	620.1	587.2	559.7	521.3	488.4	455.5	395.1	312.8	225.0
-75°	587.2	559.7	537.8	510.4	482.9	455.5	428.0	389.6	329.3	252.4	175.6
-77.5°	482.9	466.5	450.0	428.0	406.1	384.1	351.2	312.8	263.4	197.6	142.7
-80°	395.1	378.6	367.7	345.7	329.3	307.3	274.4	241.5	192.1	153.7	115.2
-82.5°	301.8	290.8	279.9	268.9	252.4	230.5	197.6	170.1	142.7	115.2	87.8
-85°	214.0	208.5	197.6	186.6	170.1	153.7	131.7	115.2	98.8	76.8	60.4
-87.5°	109.8	104.3	98.8	93.3	87.8	76.8	65.9	54.9	49.4	38.4	27.4
-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: P722102
 CATALOG NUMBER: IFLD-L-SA8C-740-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	22.0	16.5	5.5	0.0
85°	43.9	27.4	11.0	0.0
82.5°	65.9	43.9	16.5	0.0
80°	87.8	54.9	27.4	0.0
77.5°	109.8	65.9	32.9	0.0
75°	131.7	82.3	38.4	0.0
72.5°	148.2	93.3	43.9	0.0
70°	175.6	109.8	49.4	0.0
67.5°	219.5	120.7	54.9	0.0
65°	257.9	131.7	60.4	0.0
62.5°	301.8	142.7	65.9	0.0
60°	340.2	153.7	71.3	0.0
57.5°	378.6	181.1	76.8	0.0
55°	411.6	203.0	82.3	0.0
52.5°	450.0	225.0	87.8	0.0
50°	482.9	246.9	93.3	0.0
47.5°	510.4	268.9	93.3	0.0
45°	532.3	285.4	98.8	0.0
42.5°	548.8	301.8	104.3	0.0
40°	565.2	318.3	109.8	0.0
37.5°	581.7	334.7	109.8	0.0
35°	598.2	351.2	115.2	0.0
32.5°	614.6	367.7	115.2	0.0
30°	625.6	378.6	120.7	0.0
27.5°	642.1	389.6	120.7	0.0
25°	647.5	400.6	126.2	0.0
22.5°	658.5	406.1	126.2	0.0
20°	669.5	417.1	126.2	0.0
17.5°	675.0	422.5	131.7	0.0
15°	675.0	428.0	137.2	0.0
12.5°	680.5	433.5	137.2	0.0
10°	680.5	444.5	131.7	0.0
7.5°	691.4	439.0	131.7	0.0
5°	686.0	439.0	131.7	0.0
2.5°	680.5	433.5	131.7	0.0
0°	675.0	433.5	131.7	0.0
-2.5°	675.0	433.5	131.7	0.0
-5°	675.0	433.5	131.7	0.0
-7.5°	669.5	439.0	131.7	0.0
-10°	658.5	439.0	131.7	0.0
-12.5°	653.0	422.5	131.7	0.0
-15°	647.5	417.1	131.7	0.0
-17.5°	636.6	411.6	126.2	0.0
-20°	625.6	406.1	126.2	0.0



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 CATALOG NUMBER: IFLD-L-SA8C-740-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	614.6	395.1	126.2	0.0
-25°	603.6	384.1	120.7	0.0
-27.5°	592.7	373.2	120.7	0.0
-30°	576.2	362.2	115.2	0.0
-32.5°	559.7	351.2	115.2	0.0
-35°	548.8	334.7	109.8	0.0
-37.5°	532.3	318.3	109.8	0.0
-40°	515.8	301.8	104.3	0.0
-42.5°	499.4	285.4	98.8	0.0
-45°	477.4	268.9	98.8	0.0
-47.5°	461.0	252.4	93.3	0.0
-50°	433.5	230.5	87.8	0.0
-52.5°	400.6	208.5	82.3	0.0
-55°	367.7	192.1	76.8	0.0
-57.5°	334.7	170.1	76.8	0.0
-60°	301.8	148.2	71.3	0.0
-62.5°	268.9	137.2	65.9	0.0
-65°	236.0	126.2	60.4	0.0
-67.5°	197.6	109.8	54.9	0.0
-70°	164.6	98.8	49.4	0.0
-72.5°	142.7	87.8	43.9	0.0
-75°	120.7	76.8	38.4	0.0
-77.5°	104.3	65.9	32.9	0.0
-80°	82.3	49.4	22.0	0.0
-82.5°	60.4	38.4	16.5	0.0
-85°	38.4	27.4	11.0	0.0
-87.5°	22.0	11.0	5.5	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)