

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: P722098

Luminaire Tested: **IFLD-L-SA7D-740-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722098
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7D-740-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (112) 4000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

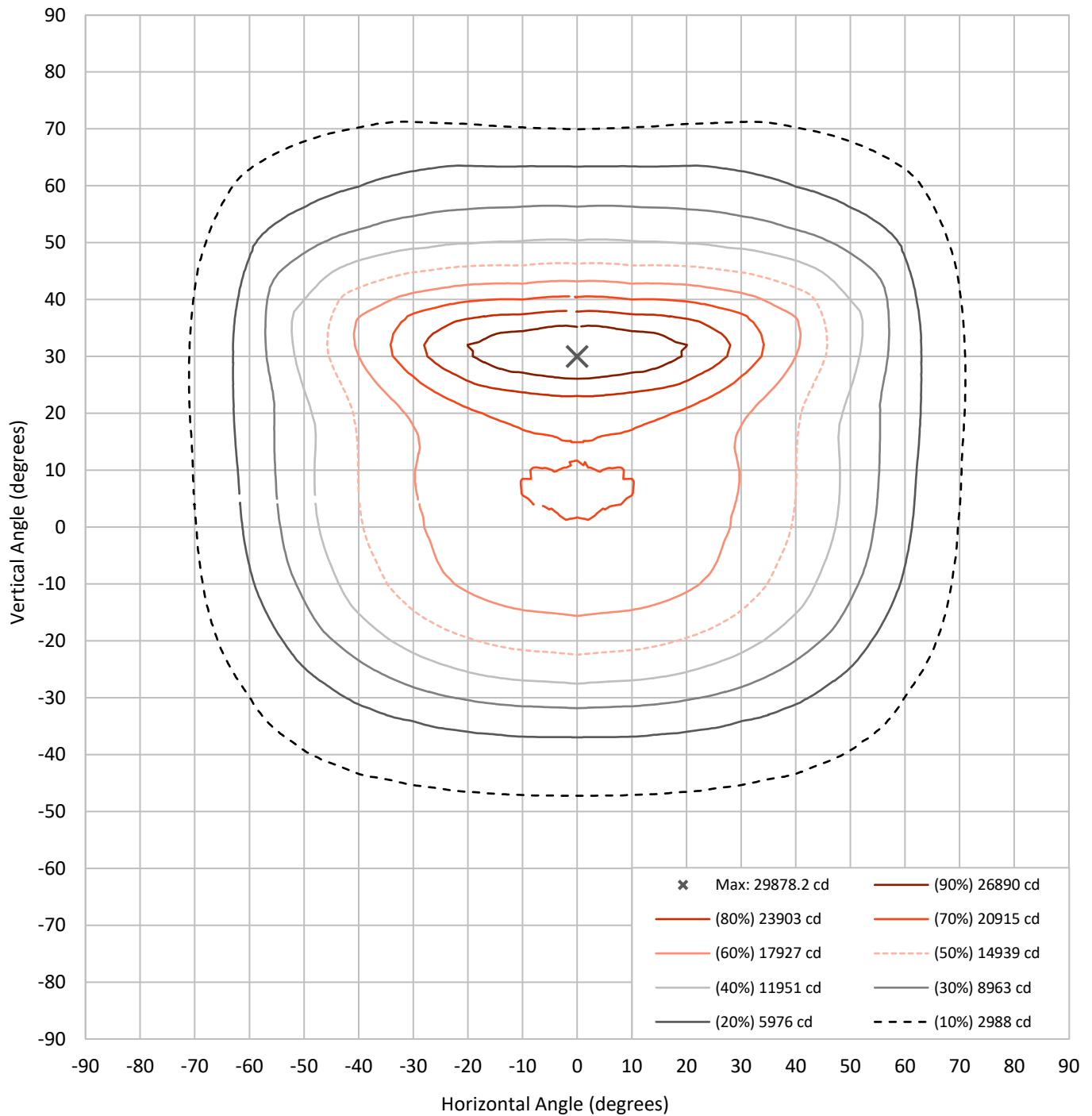
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	49874.2 lumens	Max Intensity:	29878.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	118.0 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	29002.4 lumens	Field Lumens:	46738.5 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 422.6
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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CATALOG NUMBER: IFLD-L-SA7D-740-U-76

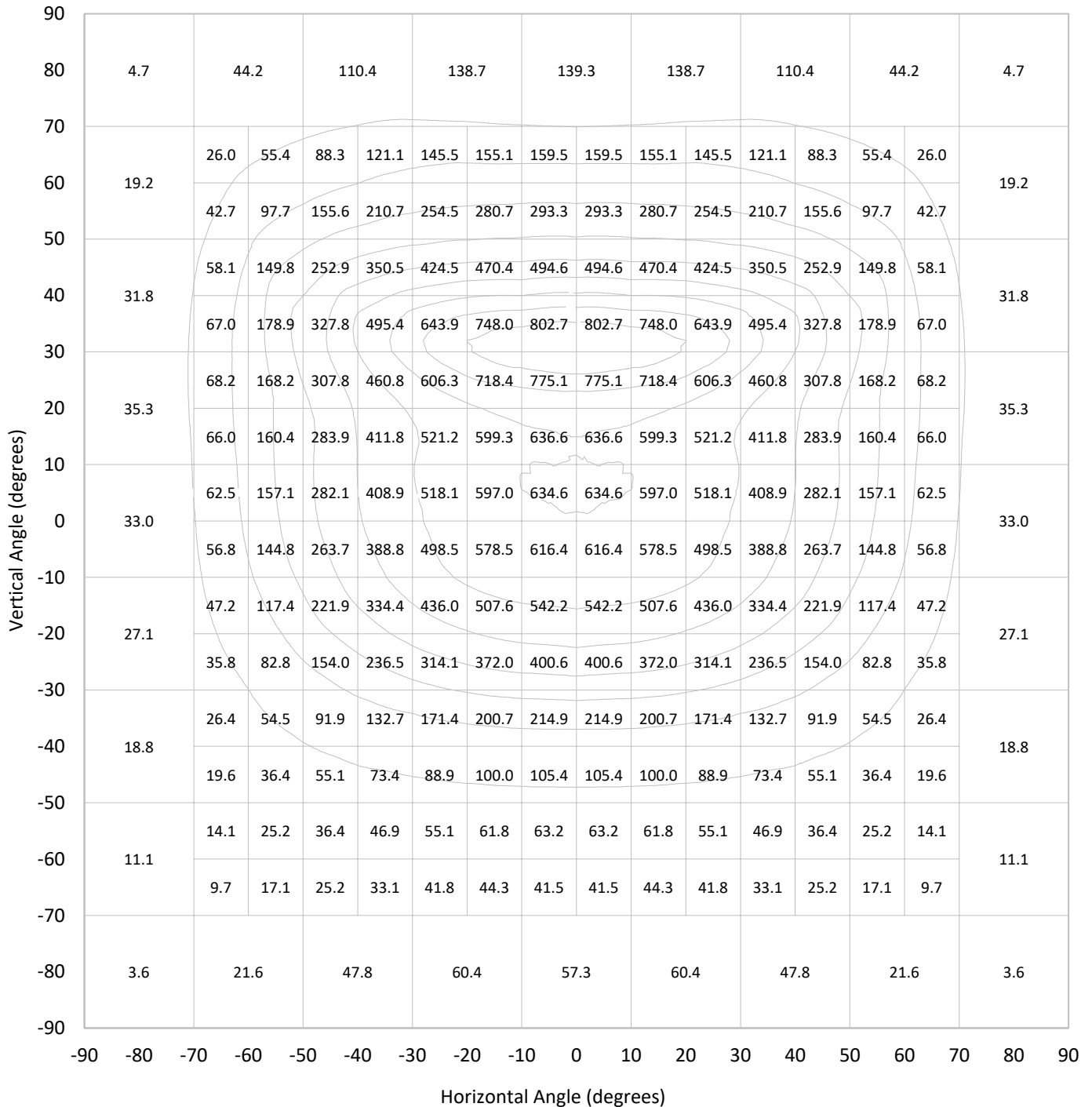
Iso-Candela Plot





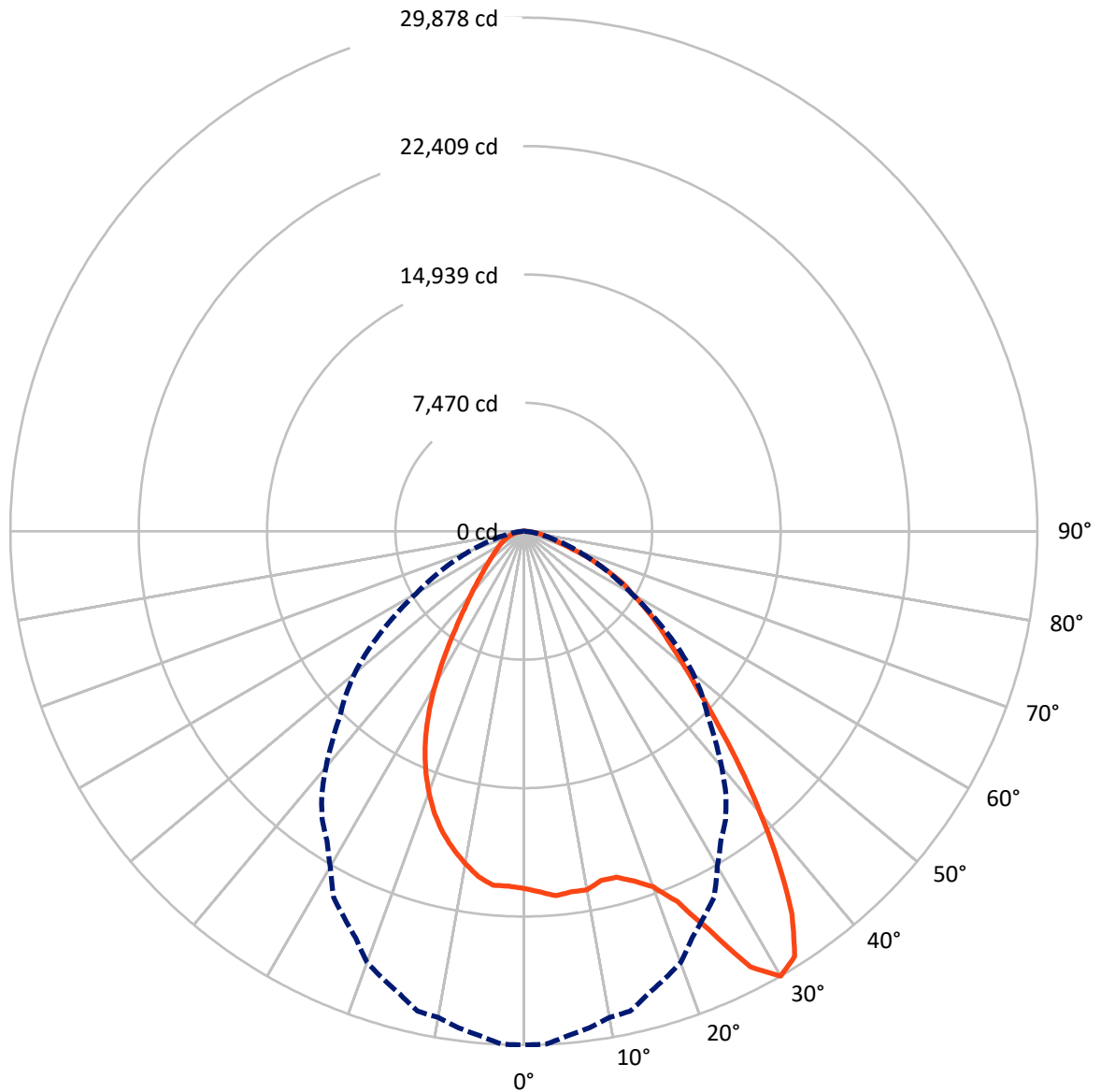
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 CATALOG NUMBER: IFLD-L-SA7D-740-U-76

Lumen Table



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CATALOG NUMBER: IFLD-L-SA7D-740-U-76

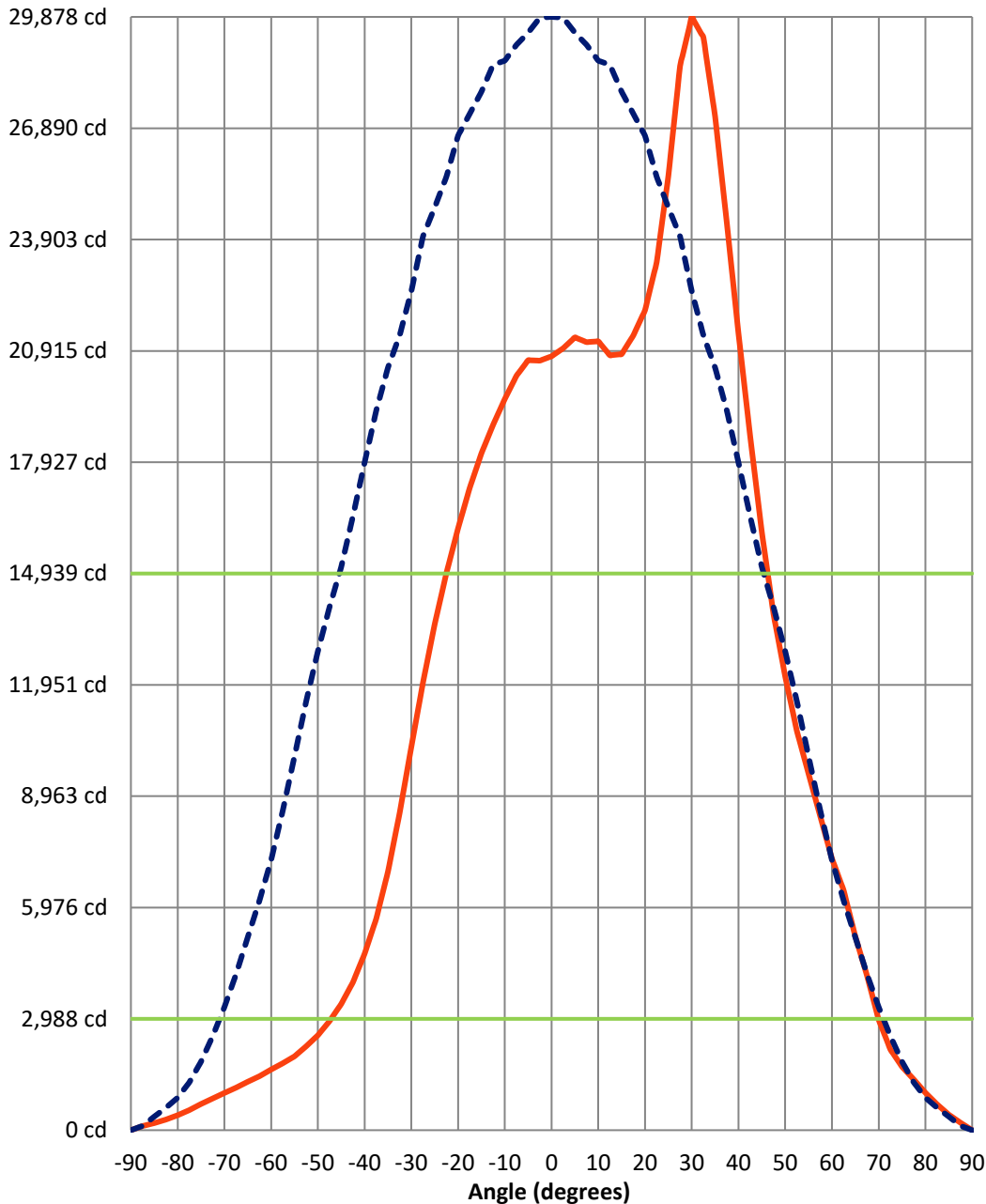
Luminous Intensity Polar Plot



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

REPORT NUMBER: P722098
 CATALOG NUMBER: IFLD-L-SA7D-740-U-76

Luminous Intensity Plot



Beam:
 H Angle: 90.8°
 V Angle: 68.8°
 Lumens: 29002.4
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 46738.5
 Efficiency: 93.7%

Spill:
 Lumens: 3135.6
 Efficiency: 6.3%

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



REPORT NUMBER: P722098
 CATALOG NUMBER: IFLD-L-SA7D-740-U-76

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°	200.8	206.1	211.3	211.3	206.1	206.1	206.1	200.8	206.1	206.1	206.1
85°	417.4	428.0	438.5	433.2	428.0	417.4	406.8	412.1	417.4	422.7	422.7
82.5°	692.1	708.0	718.6	713.3	702.7	692.1	681.6	686.9	697.4	702.7	702.7
80°	1003.9	1009.1	1014.4	1025.0	1009.1	1009.1	1003.9	1025.0	1035.6	1046.1	1056.7
77.5°	1363.1	1368.4	1368.4	1373.7	1379.0	1384.3	1384.3	1421.3	1447.7	1463.5	1479.4
75°	1701.3	1717.1	1733.0	1748.8	1770.0	1780.5	1796.4	1849.2	1891.5	1923.2	1954.9
72.5°	2166.2	2187.4	2213.8	2250.8	2287.8	2314.2	2351.2	2414.6	2462.1	2493.8	2530.8
70°	2964.0	2985.2	3011.6	3038.0	3075.0	3101.4	3138.4	3217.6	3265.2	3286.3	3307.5
67.5°	4147.5	4200.4	4247.9	4195.1	4168.7	4131.7	4142.3	4216.2	4263.8	4295.5	4290.2
65°	5199.0	5235.9	5235.9	5230.7	5209.5	5162.0	5188.4	5278.2	5331.0	5357.5	5278.2
62.5°	6435.3	6435.3	6408.9	6451.1	6456.4	6424.7	6408.9	6414.2	6419.4	6435.3	6303.2
60°	7291.2	7344.1	7359.9	7396.9	7407.5	7407.5	7433.9	7455.0	7455.0	7423.3	7270.1
57.5°	8421.9	8522.3	8543.4	8517.0	8464.2	8395.5	8384.9	8353.2	8289.8	8226.4	8152.4
55°	9563.1	9616.0	9610.7	9594.8	9542.0	9462.7	9473.3	9431.0	9330.7	9251.4	9151.0
52.5°	10709.6	10836.4	10857.6	10825.9	10751.9	10667.4	10672.7	10625.1	10524.7	10440.2	10302.8
50°	12173.2	12278.8	12268.3	12215.4	12109.8	12046.4	12051.7	11961.8	11845.6	11819.2	11639.5
47.5°	13848.0	13969.6	13948.4	13874.5	13731.8	13705.4	13731.8	13615.6	13546.9	13488.8	13277.4
45°	16046.0	16188.6	16109.4	15966.7	15739.5	15765.9	15802.9	15781.8	15633.9	15480.6	15211.2
42.5°	18624.3	18714.1	18619.0	18476.4	18191.1	18243.9	18222.8	18096.0	18006.2	17752.5	17409.1
40°	21382.3	21577.8	21429.9	21207.9	20912.1	20991.3	20933.2	20769.4	20558.1	20241.1	19807.8
37.5°	24356.9	24510.1	24341.1	24082.2	23818.0	23791.6	23675.3	23421.7	23120.6	22771.9	22079.7
35°	27204.7	27601.0	27289.3	26877.1	26554.8	26433.3	26322.4	25735.9	25392.5	24827.1	23881.4
32.5°	29323.4	29614.0	29228.3	28800.3	28409.4	28240.3	27849.3	27151.9	26967.0	25778.2	24911.7
30°	29878.2	29857.0	29455.5	29127.9	28705.2	28589.0	27870.4	27278.7	26686.9	25588.0	24763.7
27.5°	28557.3	28425.2	28039.5	27754.2	27336.8	27199.4	26491.4	26174.4	25260.4	24330.5	23633.1
25°	25614.4	25683.1	25392.5	25249.8	24975.1	24679.2	24399.2	23971.2	23400.6	22586.9	21947.6
22.5°	23294.9	23384.7	23263.2	23094.2	22882.8	22719.0	22507.7	22174.8	21625.3	21123.4	20521.1
20°	22005.8	21979.3	21873.7	21746.9	21546.1	21429.9	21197.4	20917.4	20494.7	20061.4	19411.6
17.5°	21329.5	21165.7	21065.3	21017.7	20912.1	20764.1	20489.4	20204.1	19876.5	19385.1	18909.6
15°	20827.5	20854.0	20774.7	20737.7	20653.2	20447.1	20167.1	19934.6	19490.8	19242.5	18809.2
12.5°	20795.8	20769.4	20774.7	20758.9	20653.2	20389.0	20246.4	19950.5	19665.2	19337.6	18840.9
10°	21171.0	20890.9	20912.1	20986.0	20817.0	20605.6	20452.4	20130.1	19860.7	19443.3	18951.9
7.5°	21149.8	21007.2	21049.4	20927.9	20980.8	20721.9	20510.5	20188.2	19850.1	19406.3	18962.5
5°	21276.6	21060.0	21023.0	21033.6	20901.5	20706.0	20420.7	20114.3	19797.3	19300.6	18846.2
2.5°	20986.0	21017.7	20848.7	20785.3	20769.4	20441.8	20177.7	19881.8	19554.2	19115.7	18708.9
0°	20769.4	20827.5	20653.2	20563.4	20558.1	20278.1	20109.0	19770.8	19538.4	19173.8	18682.4
-2.5°	20653.2	20721.9	20743.0	20579.2	20420.7	20204.1	19918.8	19554.2	19173.8	18751.1	18328.4
-5°	20663.7	20526.4	20468.3	20521.1	20383.7	20167.1	19850.1	19527.8	19152.7	18698.3	18169.9
-7.5°	20246.4	20109.0	20098.4	20072.0	20040.3	19834.2	19570.1	19221.4	18840.9	18418.3	17926.9
-10°	19622.9	19522.5	19496.1	19469.7	19385.1	19263.6	19015.3	18698.3	18354.9	17932.2	17409.1
-12.5°	18930.8	18883.2	18782.8	18714.1	18629.6	18486.9	18249.2	17958.6	17615.2	17240.0	16790.9
-15°	18164.7	18074.8	17974.5	17916.3	17794.8	17625.7	17388.0	17118.5	16743.4	16373.6	15950.9
-17.5°	17240.0	17129.1	17018.1	17002.3	16917.8	16658.9	16437.0	16109.4	15781.8	15427.8	15015.7
-20°	16151.6	15998.4	15924.5	15882.2	15765.9	15575.7	15338.0	15036.8	14719.8	14381.7	13906.2



REPORT NUMBER: P722098
 CATALOG NUMBER: IFLD-L-SA7D-740-U-76

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	14947.0	14814.9	14688.1	14608.9	14508.5	14360.5	14133.3	13869.2	13557.4	13177.0	12738.5
-25°	13578.6	13393.7	13314.4	13224.6	13171.8	13034.4	12812.5	12569.4	12247.1	11877.3	11459.9
-27.5°	12014.7	11866.7	11824.5	11697.7	11634.3	11491.6	11306.7	11079.5	10783.6	10434.9	10091.5
-30°	10287.0	10197.1	10128.5	10001.7	9954.1	9800.9	9679.4	9489.2	9219.7	8971.4	8696.6
-32.5°	8511.7	8421.9	8400.8	8342.6	8310.9	8210.6	8073.2	7935.8	7719.2	7534.3	7312.4
-35°	6937.2	6873.8	6879.1	6873.8	6842.1	6768.2	6599.1	6562.1	6403.6	6234.5	6091.9
-37.5°	5679.8	5685.0	5679.8	5674.5	5632.2	5600.5	5479.0	5431.4	5336.3	5172.5	5088.0
-40°	4734.0	4744.6	4739.3	4728.7	4681.2	4665.3	4586.1	4522.7	4485.7	4369.5	4279.6
-42.5°	3967.9	3983.8	3978.5	3973.2	3941.5	3936.2	3893.9	3820.0	3798.8	3730.1	3635.0
-45°	3386.7	3381.4	3370.9	3381.4	3365.6	3349.7	3323.3	3275.8	3249.3	3217.6	3138.4
-47.5°	2927.1	2932.3	2921.8	2921.8	2900.6	2884.8	2874.2	2842.5	2821.4	2795.0	2747.4
-50°	2546.6	2567.8	2562.5	2557.2	2541.4	2530.8	2530.8	2499.1	2467.4	2456.8	2425.1
-52.5°	2250.8	2266.6	2271.9	2282.5	2287.8	2293.0	2277.2	2245.5	2192.7	2187.4	2171.5
-55°	1981.3	2028.9	2060.6	2081.7	2102.8	2118.7	2087.0	2044.7	1991.9	1970.7	1965.5
-57.5°	1796.4	1843.9	1880.9	1912.6	1939.0	1965.5	1933.8	1891.5	1843.9	1817.5	1812.2
-60°	1627.3	1669.6	1706.6	1748.8	1785.8	1828.1	1812.2	1780.5	1754.1	1733.0	1711.9
-62.5°	1447.7	1489.9	1532.2	1585.0	1632.6	1674.9	1680.2	1674.9	1669.6	1674.9	1637.9
-65°	1299.7	1320.9	1347.3	1405.4	1458.2	1505.8	1532.2	1548.1	1574.5	1600.9	1563.9
-67.5°	1141.2	1167.7	1199.4	1241.6	1283.9	1315.6	1352.6	1394.8	1437.1	1479.4	1453.0
-70°	998.6	1019.7	1046.1	1067.3	1093.7	1114.8	1146.5	1194.1	1241.6	1283.9	1273.3
-72.5°	850.6	871.8	887.6	898.2	914.0	924.6	940.5	982.7	1014.4	1035.6	1035.6
-75°	702.7	723.8	739.7	745.0	755.5	760.8	771.4	787.2	803.1	808.4	813.7
-77.5°	538.9	560.1	575.9	586.5	597.0	607.6	612.9	623.5	628.7	628.7	634.0
-80°	401.5	417.4	428.0	443.8	449.1	459.7	470.2	475.5	480.8	480.8	486.1
-82.5°	285.3	295.9	306.4	317.0	327.6	332.9	343.4	348.7	354.0	359.3	364.6
-85°	190.2	200.8	211.3	221.9	227.2	232.5	237.8	243.0	248.3	253.6	258.9
-87.5°	111.0	116.2	121.5	132.1	137.4	147.9	153.2	147.9	153.2	153.2	153.2
-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: P722098
 CATALOG NUMBER: IFLD-L-SA7D-740-U-76

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°	206.1	206.1	206.1	206.1	200.8	190.2	184.9	174.4	163.8	153.2	142.7
85°	428.0	433.2	433.2	433.2	422.7	417.4	401.5	385.7	364.6	332.9	306.4
82.5°	713.3	718.6	718.6	713.3	702.7	686.9	665.7	639.3	597.0	554.8	517.8
80°	1072.5	1077.8	1077.8	1072.5	1046.1	1019.7	993.3	961.6	908.8	850.6	787.2
77.5°	1500.5	1511.1	1511.1	1495.2	1458.2	1426.5	1384.3	1331.4	1252.2	1167.7	1083.1
75°	1997.2	2023.6	2028.9	2013.0	1965.5	1907.3	1838.7	1748.8	1627.3	1521.6	1421.3
72.5°	2573.1	2599.5	2620.6	2599.5	2530.8	2451.5	2351.2	2245.5	2124.0	1981.3	1812.2
70°	3328.6	3355.0	3370.9	3302.2	3180.7	3048.6	2927.1	2805.5	2662.9	2488.5	2303.6
67.5°	4279.6	4253.2	4221.5	4084.1	3930.9	3772.4	3603.3	3423.7	3238.8	3053.9	2837.2
65°	5193.7	5119.7	5051.0	4887.2	4691.7	4485.7	4290.2	4089.4	3867.5	3635.0	3429.0
62.5°	6155.3	5996.8	5827.7	5626.9	5426.1	5199.0	5003.5	4765.7	4517.4	4232.1	3967.9
60°	7101.0	6910.8	6741.7	6493.4	6229.2	5922.8	5711.5	5479.0	5188.4	4881.9	4570.2
57.5°	8015.1	7809.0	7624.1	7407.5	7122.2	6789.3	6556.8	6255.7	5949.2	5563.5	5246.5
55°	8987.2	8781.2	8633.2	8390.2	8078.5	7772.0	7518.4	7201.4	6773.4	6361.3	5970.3
52.5°	10102.0	9938.3	9779.7	9531.4	9156.3	8844.6	8564.5	8210.6	7761.5	7254.2	6784.0
50°	11348.9	11264.4	11095.3	10804.7	10376.8	10102.0	9732.2	9262.0	8781.2	8247.5	7661.1
47.5°	13002.7	12865.3	12627.6	12310.5	11951.3	11539.2	11042.5	10493.0	9811.5	9219.7	8596.2
45°	14978.7	14725.1	14418.7	13990.7	13546.9	13081.9	12537.7	11840.3	10926.3	10154.9	9499.7
42.5°	17118.5	16775.1	16357.7	15797.7	15221.7	14651.1	14064.7	13113.6	11972.4	11084.8	10345.1
40°	19353.4	18914.9	18391.8	17578.2	16938.9	16204.5	15533.5	14112.2	12897.0	11935.4	11148.2
37.5°	21540.8	20986.0	20109.0	19121.0	18376.0	17773.7	16299.6	14777.9	13689.5	12632.8	11835.0
35°	23215.7	22745.4	21197.4	20172.4	19533.1	18582.1	16738.1	15179.5	14027.7	13150.6	11909.0
32.5°	24209.0	22993.8	21635.9	20600.3	20072.0	18513.4	16769.8	15295.7	14186.2	13203.5	11718.8
30°	23987.1	22518.3	21329.5	20463.0	19316.5	17916.3	16473.9	15116.1	14038.2	12849.5	11507.5
27.5°	22650.3	21514.4	20452.4	19548.9	18423.5	17166.1	15834.6	14640.6	13636.7	12484.9	11216.9
25°	21139.3	20109.0	19321.7	18534.5	17467.2	16267.9	15094.9	14233.7	13224.6	12088.6	10836.4
22.5°	19749.7	19010.0	18391.8	17567.6	16526.8	15480.6	14751.5	13858.6	12823.0	11671.2	10445.5
20°	18862.1	18360.1	17652.2	16743.4	15924.5	15269.3	14460.9	13515.2	12447.9	11243.3	10112.6
17.5°	18434.1	17852.9	17065.7	16473.9	15845.2	15126.6	14223.2	13219.3	12083.4	11047.8	10149.6
15°	18212.2	17599.3	17081.5	16500.4	15792.4	15036.8	14033.0	12992.1	12083.4	11127.0	10176.0
12.5°	18259.8	17731.4	17166.1	16532.1	15771.2	14962.9	14054.1	13087.2	12146.8	11185.2	10181.3
10°	18407.7	17852.9	17250.6	16547.9	15781.8	14984.0	14112.2	13145.3	12178.5	11211.6	10170.7
7.5°	18460.5	17858.2	17213.6	16505.6	15755.4	14973.4	14122.8	13161.2	12183.7	11206.3	10139.0
5°	18296.7	17752.5	17129.1	16415.8	15681.4	14920.6	14080.5	13140.1	12141.5	11153.5	10059.8
2.5°	18074.8	17636.3	17039.3	16352.4	15607.4	14846.6	14011.8	13044.9	12046.4	11058.4	9959.4
0°	18037.9	17493.7	16891.3	16278.4	15485.9	14682.8	13853.3	12865.3	11872.0	10878.7	9785.0
-2.5°	17794.8	17218.9	16616.6	15950.9	15253.5	14445.1	13573.3	12606.4	11623.7	10646.2	9594.8
-5°	17609.9	16970.6	16331.3	15612.7	14910.0	14101.6	13198.2	12257.7	11296.1	10345.1	9330.7
-7.5°	17361.6	16706.4	16035.4	15285.2	14524.3	13700.1	12807.2	11866.7	10921.0	9975.2	9003.1
-10°	16859.6	16283.7	15655.0	14878.3	14075.2	13251.0	12363.4	11438.8	10493.0	9536.7	8559.3
-12.5°	16252.0	15644.4	14957.6	14244.3	13525.7	12759.6	11872.0	10963.3	10012.2	9050.6	8078.5
-15°	15464.8	14867.8	14165.1	13467.6	12775.5	12041.1	11259.1	10440.2	9473.3	8527.6	7555.4
-17.5°	14482.1	13922.0	13293.3	12627.6	11940.7	11201.0	10440.2	9748.0	8844.6	7956.9	6995.3
-20°	13425.4	12902.3	12337.0	11708.2	11021.4	10297.5	9579.0	8855.1	8073.2	7291.2	6398.3



REPORT NUMBER: P722098

CATALOG NUMBER: IFLD-L-SA7D-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°	12326.4	11798.0	11227.4	10641.0	10006.9	9335.9	8670.2	7978.1	7291.2	6583.2	5827.7
-25°	11058.4	10593.4	10070.3	9499.7	8934.4	8347.9	7713.9	7085.2	6498.7	5885.8	5267.6
-27.5°	9732.2	9304.2	8828.7	8332.1	7846.0	7354.6	6805.1	6224.0	5737.9	5230.7	4718.2
-30°	8337.4	7993.9	7608.2	7175.0	6799.9	6403.6	5943.9	5463.1	5019.3	4633.6	4221.5
-32.5°	7016.5	6725.9	6451.1	6165.8	5796.0	5489.6	5172.5	4818.5	4427.6	4063.0	3767.1
-35°	5880.5	5568.8	5452.6	5241.2	4977.1	4707.6	4475.1	4221.5	3925.6	3603.3	3360.3
-37.5°	4924.2	4739.3	4575.5	4459.3	4284.9	4068.3	3883.4	3698.4	3471.3	3228.2	2985.2
-40°	4179.2	4052.4	3872.8	3814.7	3703.7	3555.8	3365.6	3222.9	3069.7	2884.8	2678.7
-42.5°	3582.2	3487.1	3370.9	3270.5	3222.9	3117.3	2969.3	2832.0	2710.4	2583.6	2425.1
-45°	3090.8	3027.4	2953.5	2863.7	2826.7	2742.1	2636.5	2483.2	2414.6	2308.9	2192.7
-47.5°	2694.6	2662.9	2610.0	2551.9	2499.1	2435.7	2340.6	2245.5	2150.4	2081.7	1991.9
-50°	2382.9	2361.7	2330.0	2282.5	2213.8	2171.5	2108.1	2023.6	1933.8	1875.6	1812.2
-52.5°	2134.5	2113.4	2092.3	2055.3	2002.4	1960.2	1907.3	1838.7	1764.7	1706.6	1653.7
-55°	1944.3	1912.6	1896.8	1865.1	1822.8	1775.3	1727.7	1680.2	1616.7	1563.9	1511.1
-57.5°	1796.4	1754.1	1733.0	1706.6	1664.3	1616.7	1579.8	1532.2	1489.9	1431.8	1384.3
-60°	1680.2	1632.6	1590.3	1563.9	1526.9	1479.4	1442.4	1405.4	1363.1	1315.6	1257.5
-62.5°	1585.0	1526.9	1468.8	1437.1	1400.1	1357.9	1320.9	1283.9	1241.6	1194.1	1141.2
-65°	1495.2	1426.5	1352.6	1320.9	1283.9	1241.6	1194.1	1167.7	1130.7	1088.4	1035.6
-67.5°	1384.3	1310.3	1246.9	1209.9	1172.9	1136.0	1093.7	1067.3	1030.3	977.4	924.6
-70°	1220.5	1172.9	1130.7	1099.0	1067.3	1035.6	993.3	951.0	908.8	861.2	813.7
-72.5°	1014.4	998.6	993.3	977.4	940.5	903.5	861.2	818.9	782.0	745.0	708.0
-75°	818.9	829.5	840.1	834.8	797.8	760.8	723.8	686.9	660.4	628.7	597.0
-77.5°	649.9	660.4	671.0	671.0	644.6	623.5	597.0	570.6	549.5	523.1	491.4
-80°	501.9	517.8	533.6	544.2	523.1	507.2	486.1	464.9	443.8	422.7	401.5
-82.5°	380.4	396.3	412.1	422.7	406.8	396.3	380.4	364.6	348.7	327.6	311.7
-85°	274.7	285.3	295.9	301.2	290.6	280.0	269.5	258.9	248.3	232.5	221.9
-87.5°	158.5	163.8	169.1	174.4	163.8	153.2	147.9	137.4	132.1	121.5	116.2
-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: P722098
 CATALOG NUMBER: IFLD-L-SA7D-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°	132.1	121.5	111.0	105.7	95.1	79.3	68.7	58.1	47.6	37.0	31.7
85°	280.0	253.6	221.9	206.1	184.9	163.8	142.7	121.5	100.4	79.3	58.1
82.5°	480.8	449.1	417.4	380.4	332.9	274.7	216.6	179.6	147.9	116.2	89.8
80°	723.8	665.7	612.9	565.3	512.5	438.5	359.3	285.3	200.8	153.2	116.2
77.5°	1003.9	935.2	861.2	782.0	697.4	597.0	507.2	412.1	311.7	211.3	147.9
75°	1320.9	1231.1	1130.7	1019.7	908.8	776.7	649.9	538.9	422.7	295.9	179.6
72.5°	1674.9	1563.9	1442.4	1294.5	1120.1	966.9	813.7	665.7	528.3	375.1	243.0
70°	2129.2	1954.9	1775.3	1616.7	1394.8	1151.8	972.2	803.1	628.7	459.7	306.4
67.5°	2615.3	2404.0	2187.4	1954.9	1674.9	1389.6	1130.7	940.5	734.4	538.9	364.6
65°	3143.7	2879.5	2604.8	2345.9	1960.2	1622.0	1331.4	1072.5	834.8	612.9	422.7
62.5°	3687.9	3376.2	3059.1	2721.0	2277.2	1859.8	1521.6	1220.5	929.9	681.6	475.5
60°	4269.1	3904.5	3518.8	3096.1	2578.3	2118.7	1701.3	1373.7	1030.3	750.3	533.6
57.5°	4881.9	4485.7	4031.3	3460.7	2890.1	2367.0	1907.3	1511.1	1120.1	813.7	575.9
55°	5547.7	5093.3	4596.6	3841.1	3196.5	2615.3	2113.4	1648.5	1215.2	866.5	618.2
52.5°	6266.2	5737.9	5109.1	4242.6	3518.8	2868.9	2303.6	1770.0	1305.0	924.6	655.2
50°	7069.3	6403.6	5558.2	4612.5	3798.8	3106.7	2493.8	1902.1	1379.0	988.0	686.9
47.5°	7904.1	7185.6	5959.8	4955.9	4084.1	3339.2	2689.3	2018.3	1453.0	1040.8	718.6
45°	8775.9	7729.8	6377.2	5262.4	4332.5	3550.5	2837.2	2124.0	1542.8	1088.4	745.0
42.5°	9637.1	8141.9	6741.7	5568.8	4564.9	3740.7	2958.8	2224.4	1616.7	1136.0	771.4
40°	10043.9	8453.6	7032.3	5780.1	4760.4	3909.8	3064.4	2314.2	1680.2	1167.7	797.8
37.5°	10213.0	8643.8	7222.5	5980.9	4913.7	3999.6	3154.2	2393.4	1733.0	1199.4	818.9
35°	10250.0	8712.5	7317.6	6118.3	5040.5	4084.1	3222.9	2451.5	1775.3	1231.1	840.1
32.5°	10181.3	8691.3	7344.1	6165.8	5119.7	4147.5	3270.5	2493.8	1807.0	1262.8	861.2
30°	10028.1	8580.4	7249.0	6160.6	5177.8	4184.5	3302.2	2525.5	1838.7	1283.9	871.8
27.5°	9779.7	8384.9	7127.4	6165.8	5209.5	4200.4	3318.0	2541.4	1859.8	1299.7	892.9
25°	9473.3	8120.7	7132.7	6155.3	5214.8	4205.7	3318.0	2541.4	1865.1	1305.0	908.8
22.5°	9119.3	8120.7	7132.7	6139.4	5183.1	4195.1	3302.2	2530.8	1865.1	1315.6	924.6
20°	9140.4	8126.0	7116.9	6107.7	5135.6	4163.4	3265.2	2504.4	1849.2	1331.4	935.2
17.5°	9156.3	8115.4	7085.2	6065.5	5072.2	4110.6	3217.6	2467.4	1849.2	1347.3	940.5
15°	9156.3	8083.7	7037.6	6002.1	4992.9	4036.6	3149.0	2435.7	1854.5	1352.6	951.0
12.5°	9140.4	8025.6	6963.6	5917.5	4897.8	3946.8	3106.7	2425.1	1854.5	1357.9	951.0
10°	9108.7	7946.4	6868.5	5811.8	4808.0	3915.1	3085.6	2404.0	1843.9	1357.9	951.0
7.5°	9050.6	7851.3	6789.3	5748.4	4755.1	3878.1	3053.9	2372.3	1828.1	1347.3	961.6
5°	8960.8	7798.4	6725.9	5674.5	4681.2	3851.7	3032.7	2345.9	1817.5	1347.3	951.0
2.5°	8844.6	7735.0	6651.9	5579.4	4596.6	3761.8	2964.0	2287.8	1780.5	1326.2	940.5
0°	8654.4	7608.2	6525.1	5447.3	4480.4	3672.0	2895.4	2229.6	1743.6	1305.0	929.9
-2.5°	8480.0	7439.2	6361.3	5309.9	4369.5	3592.8	2842.5	2197.9	1727.7	1299.7	924.6
-5°	8237.0	7206.7	6144.7	5130.3	4221.5	3513.5	2789.7	2160.9	1711.9	1289.2	924.6
-7.5°	7967.5	6963.6	5917.5	4945.4	4073.6	3376.2	2689.3	2102.8	1674.9	1268.0	919.3
-10°	7550.1	6599.1	5632.2	4734.0	3915.1	3254.6	2604.8	2050.0	1643.2	1246.9	898.2
-12.5°	7106.3	6197.5	5304.6	4475.1	3735.4	3127.8	2509.7	1991.9	1606.2	1225.8	887.6
-15°	6636.1	5785.4	4961.2	4205.7	3539.9	2974.6	2409.3	1928.5	1569.2	1199.4	871.8
-17.5°	6144.7	5352.2	4607.2	3930.9	3344.5	2816.1	2303.6	1870.4	1526.9	1172.9	855.9
-20°	5626.9	4908.4	4247.9	3650.9	3138.4	2657.6	2192.7	1801.7	1479.4	1141.2	834.8



REPORT NUMBER: P722098
 CATALOG NUMBER: IFLD-L-SA7D-740-U-76

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	5114.4	4469.8	3878.1	3376.2	2927.1	2493.8	2081.7	1733.0	1426.5	1104.3	818.9
-25°	4660.0	4057.7	3550.5	3112.0	2721.0	2335.3	1965.5	1664.3	1368.4	1067.3	797.8
-27.5°	4216.2	3703.7	3228.2	2863.7	2520.2	2182.1	1854.5	1590.3	1310.3	1025.0	776.7
-30°	3804.1	3365.6	2974.6	2620.6	2330.0	2044.7	1759.4	1516.4	1246.9	982.7	750.3
-32.5°	3429.0	3075.0	2747.4	2409.3	2150.4	1907.3	1669.6	1442.4	1183.5	940.5	723.8
-35°	3080.3	2805.5	2520.2	2234.9	1970.7	1780.5	1574.5	1363.1	1125.4	892.9	697.4
-37.5°	2768.6	2546.6	2319.5	2076.4	1849.2	1659.0	1484.7	1283.9	1067.3	850.6	671.0
-40°	2499.1	2319.5	2118.7	1923.2	1733.0	1553.3	1394.8	1204.6	1009.1	818.9	644.6
-42.5°	2250.8	2113.4	1949.6	1785.8	1616.7	1458.2	1305.0	1120.1	951.0	782.0	618.2
-45°	2060.6	1923.2	1791.1	1643.2	1500.5	1363.1	1209.9	1046.1	898.2	739.7	591.8
-47.5°	1880.9	1759.4	1637.9	1516.4	1400.1	1273.3	1120.1	982.7	840.1	702.7	570.6
-50°	1722.4	1606.2	1500.5	1394.8	1294.5	1172.9	1030.3	919.3	792.5	665.7	544.2
-52.5°	1574.5	1474.1	1368.4	1283.9	1199.4	1077.8	961.6	855.9	745.0	623.5	517.8
-55°	1442.4	1347.3	1252.2	1172.9	1093.7	988.0	892.9	803.1	697.4	591.8	491.4
-57.5°	1315.6	1236.3	1146.5	1072.5	993.3	908.8	829.5	745.0	649.9	560.1	464.9
-60°	1199.4	1125.4	1046.1	972.2	903.5	834.8	760.8	692.1	607.6	523.1	438.5
-62.5°	1083.1	1019.7	951.0	877.1	824.2	760.8	702.7	634.0	565.3	491.4	391.0
-65°	977.4	919.3	855.9	792.5	745.0	697.4	644.6	581.2	523.1	454.4	348.7
-67.5°	871.8	818.9	766.1	713.3	671.0	634.0	581.2	533.6	486.1	412.1	306.4
-70°	771.4	729.1	681.6	639.3	607.6	565.3	528.3	486.1	443.8	359.3	258.9
-72.5°	676.3	634.0	597.0	565.3	538.9	501.9	470.2	438.5	380.4	301.2	216.6
-75°	565.3	538.9	517.8	491.4	464.9	438.5	412.1	375.1	317.0	243.0	169.1
-77.5°	464.9	449.1	433.2	412.1	391.0	369.8	338.1	301.2	253.6	190.2	137.4
-80°	380.4	364.6	354.0	332.9	317.0	295.9	264.2	232.5	184.9	147.9	111.0
-82.5°	290.6	280.0	269.5	258.9	243.0	221.9	190.2	163.8	137.4	111.0	84.5
-85°	206.1	200.8	190.2	179.6	163.8	147.9	126.8	111.0	95.1	74.0	58.1
-87.5°	105.7	100.4	95.1	89.8	84.5	74.0	63.4	52.8	47.6	37.0	26.4
-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: P722098
 CATALOG NUMBER: IFLD-L-SA7D-740-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	21.1	15.9	5.3	0.0
85°	42.3	26.4	10.6	0.0
82.5°	63.4	42.3	15.9	0.0
80°	84.5	52.8	26.4	0.0
77.5°	105.7	63.4	31.7	0.0
75°	126.8	79.3	37.0	0.0
72.5°	142.7	89.8	42.3	0.0
70°	169.1	105.7	47.6	0.0
67.5°	211.3	116.2	52.8	0.0
65°	248.3	126.8	58.1	0.0
62.5°	290.6	137.4	63.4	0.0
60°	327.6	147.9	68.7	0.0
57.5°	364.6	174.4	74.0	0.0
55°	396.3	195.5	79.3	0.0
52.5°	433.2	216.6	84.5	0.0
50°	464.9	237.8	89.8	0.0
47.5°	491.4	258.9	89.8	0.0
45°	512.5	274.7	95.1	0.0
42.5°	528.3	290.6	100.4	0.0
40°	544.2	306.4	105.7	0.0
37.5°	560.1	322.3	105.7	0.0
35°	575.9	338.1	111.0	0.0
32.5°	591.8	354.0	111.0	0.0
30°	602.3	364.6	116.2	0.0
27.5°	618.2	375.1	116.2	0.0
25°	623.5	385.7	121.5	0.0
22.5°	634.0	391.0	121.5	0.0
20°	644.6	401.5	121.5	0.0
17.5°	649.9	406.8	126.8	0.0
15°	649.9	412.1	132.1	0.0
12.5°	655.2	417.4	132.1	0.0
10°	655.2	428.0	126.8	0.0
7.5°	665.7	422.7	126.8	0.0
5°	660.4	422.7	126.8	0.0
2.5°	655.2	417.4	126.8	0.0
0°	649.9	417.4	126.8	0.0
-2.5°	649.9	417.4	126.8	0.0
-5°	649.9	417.4	126.8	0.0
-7.5°	644.6	422.7	126.8	0.0
-10°	634.0	422.7	126.8	0.0
-12.5°	628.7	406.8	126.8	0.0
-15°	623.5	401.5	126.8	0.0
-17.5°	612.9	396.3	121.5	0.0
-20°	602.3	391.0	121.5	0.0



REPORT NUMBER: P722098

CATALOG NUMBER: IFLD-L-SA7D-740-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	591.8	380.4	121.5	0.0
-25°	581.2	369.8	116.2	0.0
-27.5°	570.6	359.3	116.2	0.0
-30°	554.8	348.7	111.0	0.0
-32.5°	538.9	338.1	111.0	0.0
-35°	528.3	322.3	105.7	0.0
-37.5°	512.5	306.4	105.7	0.0
-40°	496.6	290.6	100.4	0.0
-42.5°	480.8	274.7	95.1	0.0
-45°	459.7	258.9	95.1	0.0
-47.5°	443.8	243.0	89.8	0.0
-50°	417.4	221.9	84.5	0.0
-52.5°	385.7	200.8	79.3	0.0
-55°	354.0	184.9	74.0	0.0
-57.5°	322.3	163.8	74.0	0.0
-60°	290.6	142.7	68.7	0.0
-62.5°	258.9	132.1	63.4	0.0
-65°	227.2	121.5	58.1	0.0
-67.5°	190.2	105.7	52.8	0.0
-70°	158.5	95.1	47.6	0.0
-72.5°	137.4	84.5	42.3	0.0
-75°	116.2	74.0	37.0	0.0
-77.5°	100.4	63.4	31.7	0.0
-80°	79.3	47.6	21.1	0.0
-82.5°	58.1	37.0	15.9	0.0
-85°	37.0	26.4	10.6	0.0
-87.5°	21.1	10.6	5.3	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)