

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: P722045

Luminaire Tested: **IFLD-L-SA8D-730-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722045
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA8D-730-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (128) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

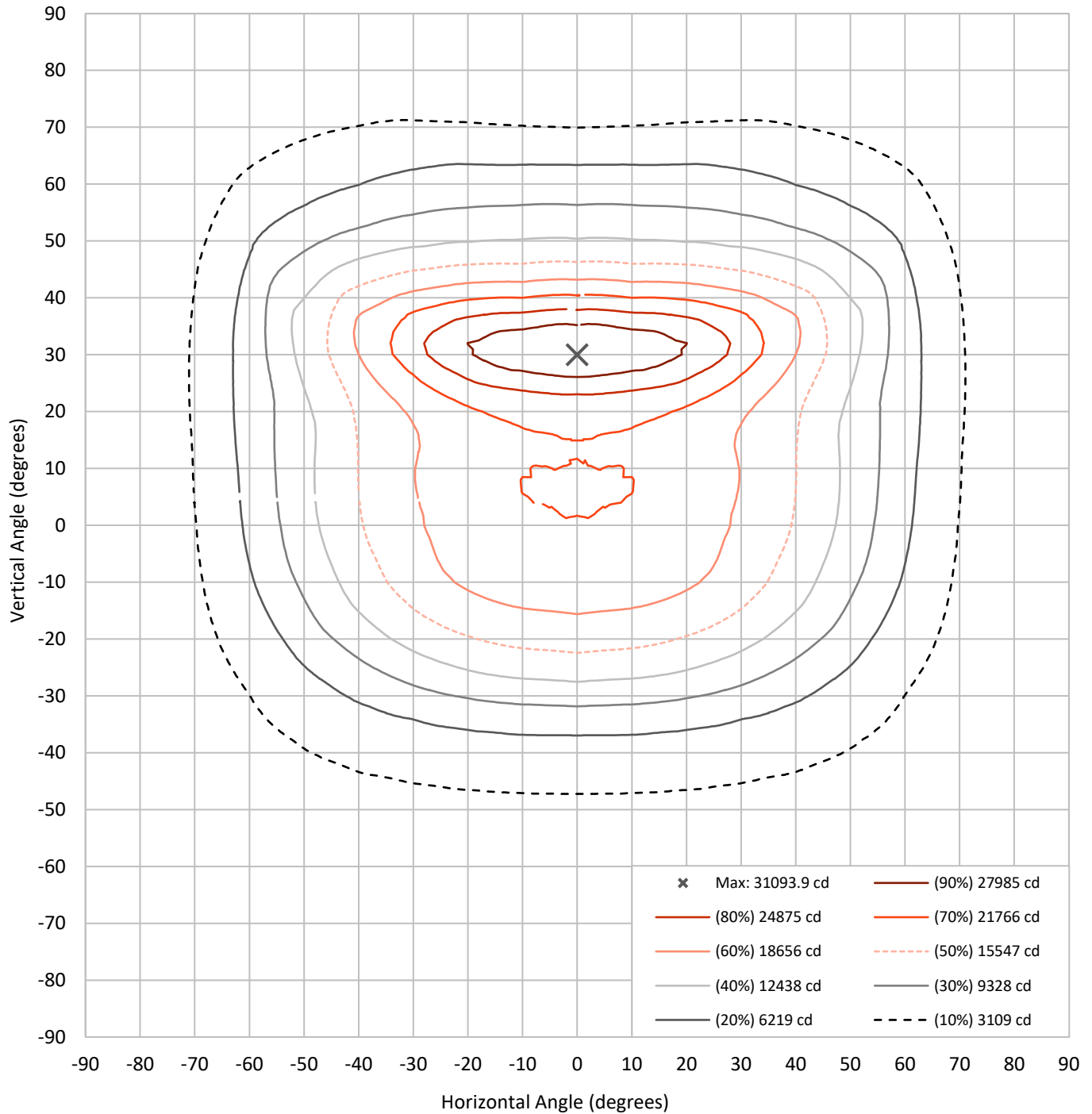
Lumens per Lamp: N/A	NEMA Type: 7H x 6V
Luminaire Lumens: 51903.5 lumens	Max Intensity: 31093.9 candela
Efficiency: N/A	Max Intensity Angle: 0°H x 30°V
Efficacy: 106.3 lumens/watt	
Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')	
Beam Angle (50%): 90.8°H x 68.8°V	Field Angle (10%): 142°H x 117.1°V
Beam Lumens: 30182.5 lumens	Field Lumens: 48640.3 lumens
Beam Efficiency: 58.2%	Field Efficiency: 93.7%

Input Watts (W): 488.3
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



REPORT NUMBER: P722045
CATALOG NUMBER: IFLD-L-SA8D-730-U-76

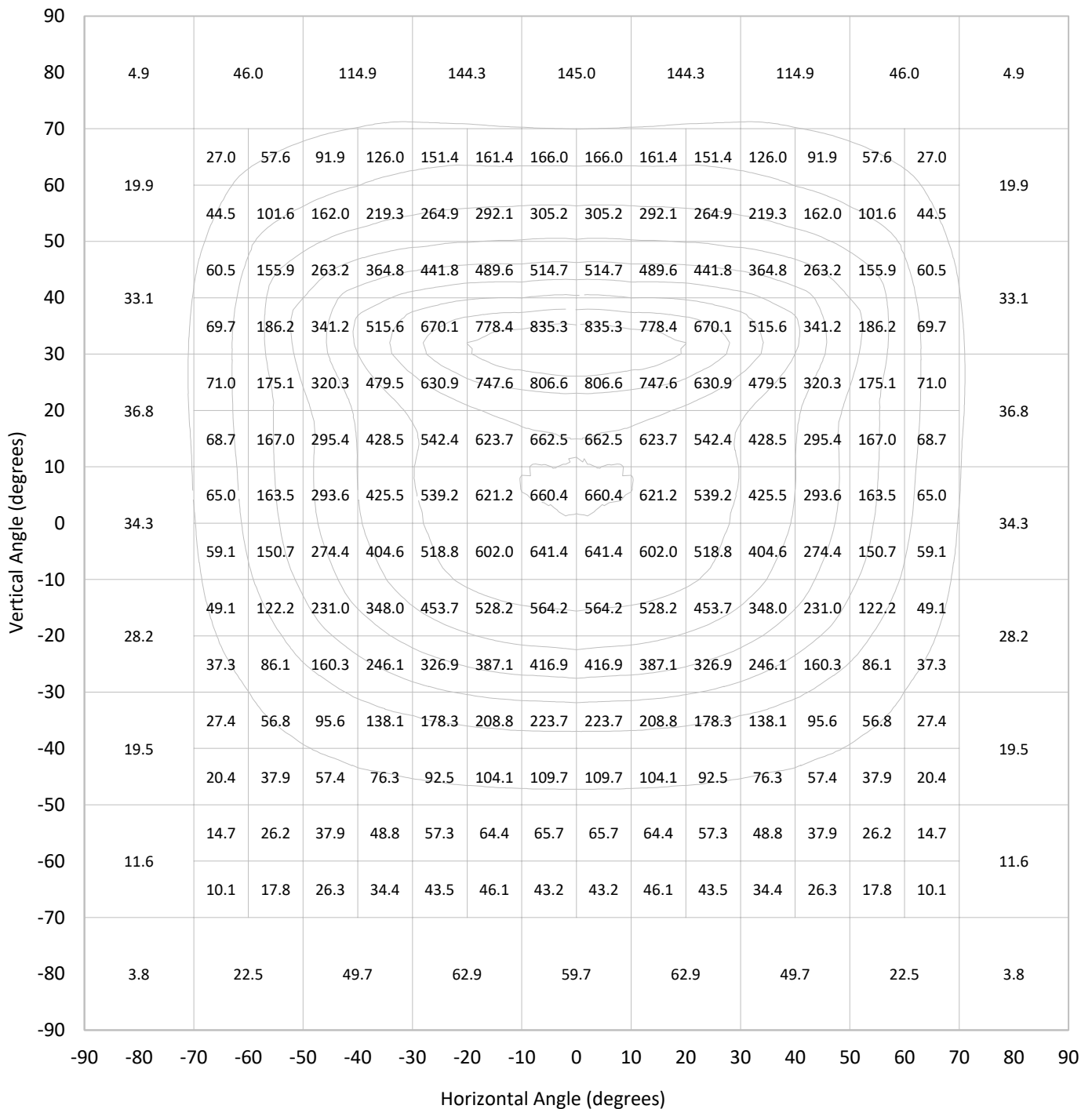
Iso-Candela Plot





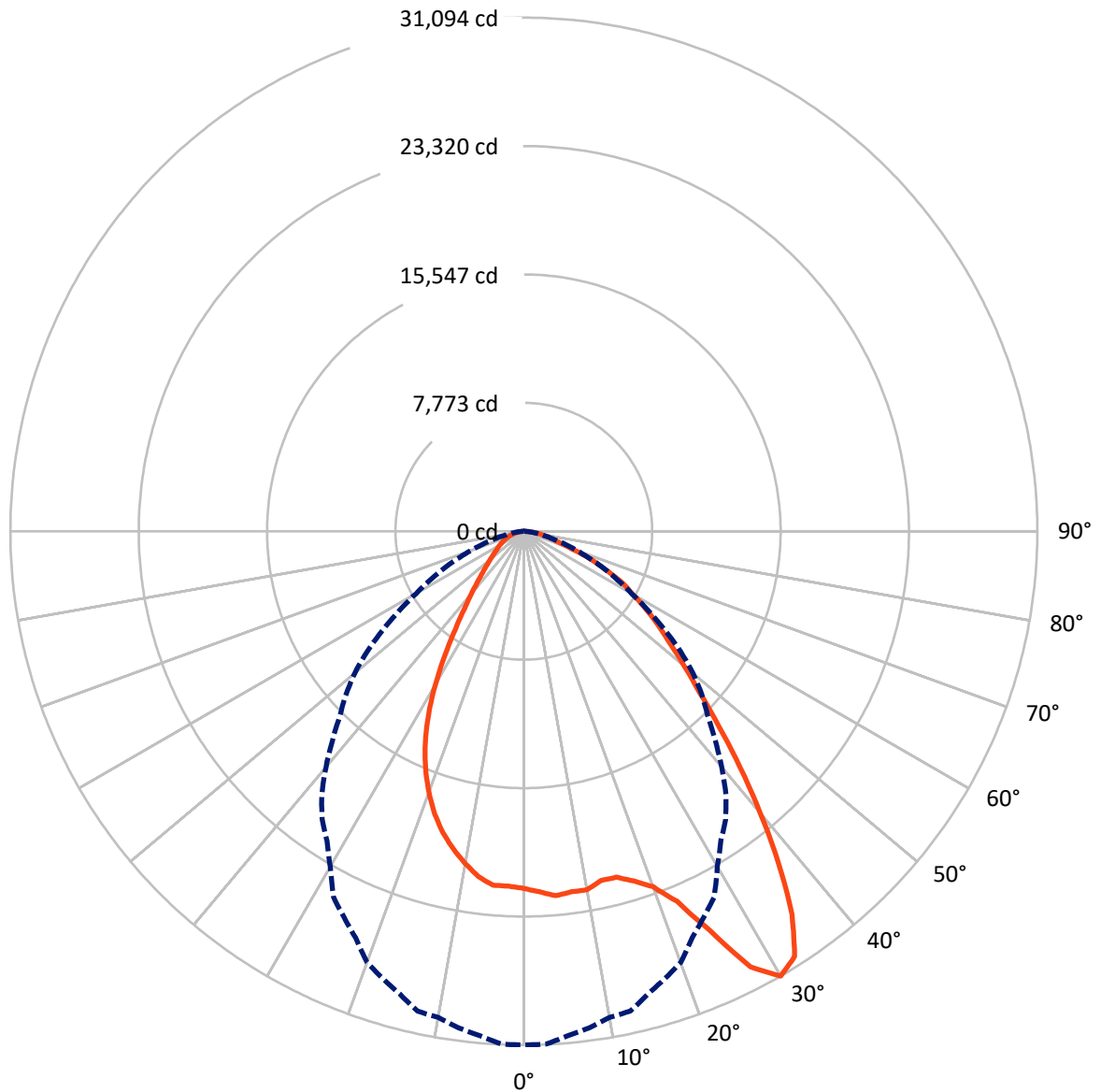
REPORT NUMBER: P722045
 CATALOG NUMBER: IFLD-L-SA8D-730-U-76

Lumen Table



REPORT NUMBER: P722045
CATALOG NUMBER: IFLD-L-SA8D-730-U-76

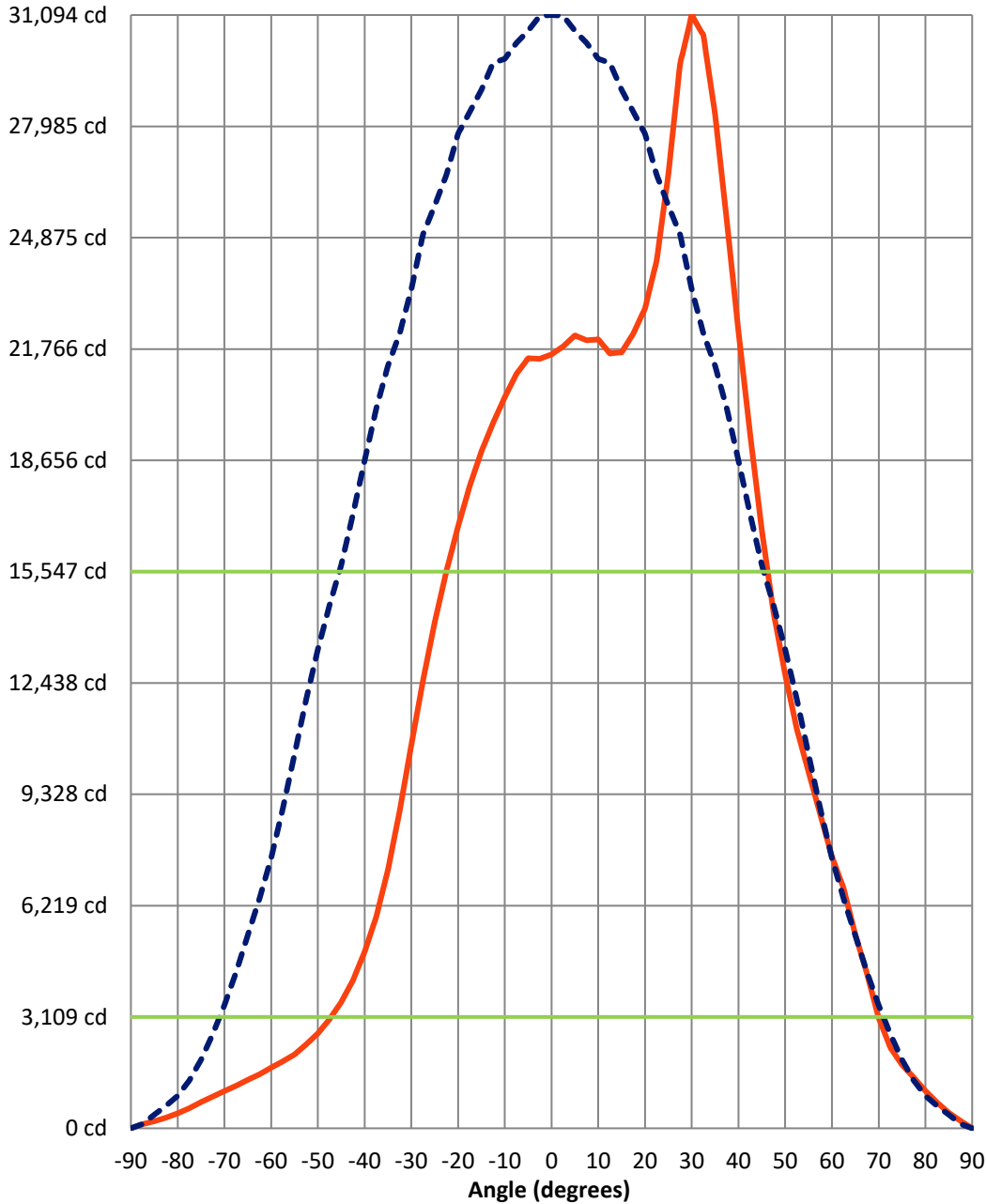
Luminous Intensity Polar Plot



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

REPORT NUMBER: P722045
 CATALOG NUMBER: IFLD-L-SA8D-730-U-76

Luminous Intensity Plot



Beam:
 H Angle: 90.8°
 V Angle: 68.8°
 Lumens: 30182.5
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 48640.3
 Efficiency: 93.7%

Spill:
 Lumens: 3263.2
 Efficiency: 6.3%

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



REPORT NUMBER: P722045
 CATALOG NUMBER: IFLD-L-SA8D-730-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°	208.9	214.4	219.9	219.9	214.4	214.4	214.4	208.9	214.4	214.4	214.4
85°	434.4	445.4	456.4	450.9	445.4	434.4	423.4	428.9	434.4	439.9	439.9
82.5°	720.3	736.8	747.8	742.3	731.3	720.3	709.3	714.8	725.8	731.3	731.3
80°	1044.7	1050.2	1055.7	1066.7	1050.2	1050.2	1044.7	1066.7	1077.7	1088.7	1099.7
77.5°	1418.6	1424.1	1424.1	1429.6	1435.1	1440.6	1440.6	1479.1	1506.6	1523.1	1539.6
75°	1770.5	1787.0	1803.5	1820.0	1842.0	1853.0	1869.5	1924.5	1968.5	2001.4	2034.4
72.5°	2254.4	2276.4	2303.9	2342.3	2380.8	2408.3	2446.8	2512.8	2562.3	2595.3	2633.8
70°	3084.6	3106.6	3134.1	3161.6	3200.1	3227.6	3266.1	3348.6	3398.1	3420.0	3442.0
67.5°	4316.3	4371.3	4420.8	4365.8	4338.3	4299.8	4310.8	4387.8	4437.3	4470.3	4464.8
65°	5410.5	5449.0	5449.0	5443.5	5421.5	5372.0	5399.5	5493.0	5548.0	5575.5	5493.0
62.5°	6697.1	6697.1	6669.6	6713.6	6719.1	6686.1	6669.6	6675.1	6680.6	6697.1	6559.7
60°	7587.9	7642.9	7659.4	7697.9	7708.9	7708.9	7736.3	7758.3	7758.3	7725.4	7565.9
57.5°	8764.6	8869.0	8891.0	8863.5	8808.6	8737.1	8726.1	8693.1	8627.1	8561.1	8484.1
55°	9952.2	10007.2	10001.7	9985.2	9930.2	9847.8	9858.8	9814.8	9710.3	9627.8	9523.4
52.5°	11145.4	11277.4	11299.4	11266.4	11189.4	11101.4	11106.9	11057.4	10953.0	10865.0	10722.0
50°	12668.5	12778.4	12767.5	12712.5	12602.5	12536.5	12542.0	12448.5	12327.6	12300.1	12113.1
47.5°	14411.5	14538.0	14516.0	14439.0	14290.5	14263.0	14290.5	14169.6	14098.1	14037.6	13817.7
45°	16698.9	16847.3	16764.8	16616.4	16379.9	16407.4	16445.9	16423.9	16270.0	16110.5	15830.1
42.5°	19382.1	19475.6	19376.6	19228.2	18931.2	18986.2	18964.2	18832.3	18738.8	18474.9	18117.5
40°	22252.3	22455.8	22301.8	22070.9	21763.0	21845.4	21784.9	21614.5	21394.6	21064.6	20613.8
37.5°	25348.0	25507.4	25331.5	25062.0	24787.1	24759.6	24638.7	24374.7	24061.3	23698.4	22978.1
35°	28311.6	28724.0	28399.6	27970.7	27635.3	27508.9	27393.4	26783.1	26425.7	25837.3	24853.1
32.5°	30516.5	30818.9	30417.5	29972.2	29565.3	29389.3	28982.4	28256.6	28064.2	26827.0	25925.3
30°	31093.9	31071.9	30654.0	30313.1	29873.2	29752.2	29004.4	28388.6	27772.8	26629.1	25771.3
27.5°	29719.2	29581.8	29180.4	28883.5	28449.1	28306.1	27569.3	27239.4	26288.2	25320.5	24594.7
25°	26656.6	26728.1	26425.7	26277.2	25991.3	25683.4	25391.9	24946.6	24352.7	23506.0	22840.7
22.5°	24242.8	24336.2	24209.8	24033.8	23813.9	23643.4	23423.5	23077.1	22505.2	21982.9	21356.1
20°	22901.1	22873.6	22763.7	22631.7	22422.8	22301.8	22059.9	21768.4	21328.6	20877.7	20201.4
17.5°	22197.3	22026.9	21922.4	21872.9	21763.0	21609.0	21323.1	21026.2	20685.3	20173.9	19679.0
15°	21675.0	21702.5	21620.0	21581.5	21493.5	21279.1	20987.7	20745.7	20283.9	20025.4	19574.6
12.5°	21642.0	21614.5	21620.0	21603.5	21493.5	21218.6	21070.1	20762.2	20465.3	20124.4	19607.6
10°	22032.4	21741.0	21763.0	21839.9	21664.0	21444.0	21284.6	20949.2	20668.8	20234.4	19723.0
7.5°	22010.4	21861.9	21905.9	21779.4	21834.4	21565.0	21345.1	21009.7	20657.8	20195.9	19734.0
5°	22142.3	21916.9	21878.4	21889.4	21752.0	21548.5	21251.6	20932.7	20602.8	20085.9	19613.0
2.5°	21839.9	21872.9	21697.0	21631.0	21614.5	21273.6	20998.7	20690.7	20349.8	19893.5	19470.1
0°	21614.5	21675.0	21493.5	21400.1	21394.6	21103.1	20927.2	20575.3	20333.3	19954.0	19442.6
-2.5°	21493.5	21565.0	21587.0	21416.5	21251.6	21026.2	20729.2	20349.8	19954.0	19514.1	19074.2
-5°	21504.5	21361.6	21301.1	21356.1	21213.1	20987.7	20657.8	20322.4	19932.0	19459.1	18909.2
-7.5°	21070.1	20927.2	20916.2	20888.7	20855.7	20641.3	20366.3	20003.4	19607.6	19167.7	18656.3
-10°	20421.3	20316.9	20289.4	20261.9	20173.9	20047.4	19789.0	19459.1	19101.7	18661.8	18117.5
-12.5°	19701.0	19651.5	19547.1	19475.6	19387.6	19239.2	18991.7	18689.3	18331.9	17941.5	17474.1
-15°	18903.7	18810.3	18705.8	18645.3	18518.9	18342.9	18095.5	17815.0	17424.7	17039.8	16599.9
-17.5°	17941.5	17826.0	17710.6	17694.1	17606.1	17336.7	17105.7	16764.8	16423.9	16055.5	15626.7
-20°	16808.8	16649.4	16572.4	16528.4	16407.4	16209.5	15962.1	15648.7	15318.7	14966.8	14472.0



REPORT NUMBER: P722045
 CATALOG NUMBER: IFLD-L-SA8D-730-U-76

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	15555.2	15417.7	15285.8	15203.3	15098.8	14944.8	14708.4	14433.5	14109.1	13713.2	13256.8
-25°	14131.1	13938.6	13856.1	13762.7	13707.7	13564.7	13333.8	13080.9	12745.5	12360.6	11926.2
-27.5°	12503.5	12349.6	12305.6	12173.6	12107.6	11959.2	11766.7	11530.3	11222.4	10859.5	10502.1
-30°	10705.5	10612.1	10540.6	10408.6	10359.1	10199.7	10073.2	9875.3	9594.8	9336.4	9050.5
-32.5°	8858.0	8764.6	8742.6	8682.1	8649.1	8544.6	8401.7	8258.7	8033.3	7840.8	7609.9
-35°	7219.5	7153.5	7159.0	7153.5	7120.5	7043.5	6867.6	6829.1	6664.1	6488.2	6339.7
-37.5°	5910.9	5916.4	5910.9	5905.4	5861.4	5828.4	5701.9	5652.4	5553.5	5383.0	5295.0
-40°	4926.6	4937.6	4932.1	4921.1	4871.6	4855.2	4772.7	4706.7	4668.2	4547.2	4453.8
-42.5°	4129.4	4145.8	4140.3	4134.9	4101.9	4096.4	4052.4	3975.4	3953.4	3881.9	3782.9
-45°	3524.5	3519.0	3508.0	3519.0	3502.5	3486.0	3458.5	3409.1	3381.6	3348.6	3266.1
-47.5°	3046.2	3051.7	3040.7	3040.7	3018.7	3002.2	2991.2	2958.2	2936.2	2908.7	2859.2
-50°	2650.3	2672.3	2666.8	2661.3	2644.8	2633.8	2633.8	2600.8	2567.8	2556.8	2523.8
-52.5°	2342.3	2358.8	2364.3	2375.3	2380.8	2386.3	2369.8	2336.9	2281.9	2276.4	2259.9
-55°	2061.9	2111.4	2144.4	2166.4	2188.4	2204.9	2171.9	2127.9	2072.9	2050.9	2045.4
-57.5°	1869.5	1919.0	1957.5	1990.4	2017.9	2045.4	2012.4	1968.5	1919.0	1891.5	1886.0
-60°	1693.5	1737.5	1776.0	1820.0	1858.5	1902.5	1886.0	1853.0	1825.5	1803.5	1781.5
-62.5°	1506.6	1550.6	1594.6	1649.5	1699.0	1743.0	1748.5	1743.0	1737.5	1743.0	1704.5
-65°	1352.6	1374.6	1402.1	1462.6	1517.6	1567.1	1594.6	1611.1	1638.5	1666.0	1627.5
-67.5°	1187.7	1215.2	1248.2	1292.1	1336.1	1369.1	1407.6	1451.6	1495.6	1539.6	1512.1
-70°	1039.2	1061.2	1088.7	1110.7	1138.2	1160.2	1193.2	1242.7	1292.1	1336.1	1325.1
-72.5°	885.3	907.2	923.7	934.7	951.2	962.2	978.7	1022.7	1055.7	1077.7	1077.7
-75°	731.3	753.3	769.8	775.3	786.3	791.8	802.8	819.3	835.8	841.3	846.8
-77.5°	560.8	582.8	599.3	610.3	621.3	632.3	637.8	648.8	654.3	654.3	659.8
-80°	417.9	434.4	445.4	461.9	467.4	478.4	489.4	494.9	500.4	500.4	505.9
-82.5°	296.9	307.9	318.9	329.9	340.9	346.4	357.4	362.9	368.4	373.9	379.4
-85°	197.9	208.9	219.9	230.9	236.4	241.9	247.4	252.9	258.4	263.9	269.4
-87.5°	115.5	121.0	126.5	137.5	143.0	154.0	159.5	154.0	159.5	159.5	159.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P722045
 CATALOG NUMBER: IFLD-L-SA8D-730-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°	214.4	214.4	214.4	214.4	208.9	197.9	192.4	181.4	170.5	159.5	148.5
85°	445.4	450.9	450.9	450.9	439.9	434.4	417.9	401.4	379.4	346.4	318.9
82.5°	742.3	747.8	747.8	742.3	731.3	714.8	692.8	665.3	621.3	577.3	538.9
80°	1116.2	1121.7	1121.7	1116.2	1088.7	1061.2	1033.7	1000.7	945.7	885.3	819.3
77.5°	1561.6	1572.6	1572.6	1556.1	1517.6	1484.6	1440.6	1385.6	1303.1	1215.2	1127.2
75°	2078.4	2105.9	2111.4	2094.9	2045.4	1984.9	1913.5	1820.0	1693.5	1583.6	1479.1
72.5°	2677.8	2705.2	2727.2	2705.2	2633.8	2551.3	2446.8	2336.9	2210.4	2061.9	1886.0
70°	3464.0	3491.5	3508.0	3436.5	3310.1	3172.6	3046.2	2919.7	2771.2	2589.8	2397.3
67.5°	4453.8	4426.3	4393.3	4250.3	4090.9	3925.9	3750.0	3563.0	3370.6	3178.1	2952.7
65°	5405.0	5328.0	5256.5	5086.1	4882.6	4668.2	4464.8	4255.8	4024.9	3782.9	3568.5
62.5°	6405.7	6240.8	6064.8	5855.9	5646.9	5410.5	5207.1	4959.6	4701.2	4404.3	4129.4
60°	7389.9	7192.0	7016.0	6757.6	6482.7	6163.8	5943.8	5701.9	5399.5	5080.6	4756.2
57.5°	8341.2	8126.7	7934.3	7708.9	7411.9	7065.5	6823.6	6510.2	6191.3	5789.9	5460.0
55°	9352.9	9138.5	8984.5	8731.6	8407.2	8088.3	7824.3	7494.4	7049.0	6620.2	6213.3
52.5°	10513.1	10342.6	10177.7	9919.2	9528.9	9204.4	8913.0	8544.6	8077.3	7549.4	7060.0
50°	11810.7	11722.7	11546.8	11244.4	10799.0	10513.1	10128.2	9638.8	9138.5	8583.1	7972.8
47.5°	13531.7	13388.8	13141.3	12811.4	12437.5	12008.7	11491.8	10920.0	10210.7	9594.8	8946.0
45°	15588.2	15324.2	15005.3	14560.0	14098.1	13614.2	13047.9	12322.1	11370.8	10568.1	9886.3
42.5°	17815.0	17457.6	17023.3	16440.4	15841.1	15247.3	14636.9	13647.2	12459.5	11535.8	10766.0
40°	20140.9	19684.5	19140.2	18293.4	17628.1	16863.8	16165.5	14686.4	13421.8	12421.0	11601.8
37.5°	22417.3	21839.9	20927.2	19899.0	19123.7	18496.9	16962.8	15379.2	14246.5	13146.8	12316.6
35°	24160.3	23670.9	22059.9	20993.2	20327.8	19338.1	17419.2	15797.1	14598.4	13685.7	12393.6
32.5°	25194.0	23929.3	22516.2	21438.5	20888.7	19266.6	17452.1	15918.1	14763.4	13740.7	12195.6
30°	24963.1	23434.5	22197.3	21295.6	20102.4	18645.3	17144.2	15731.1	14609.4	13372.3	11975.7
27.5°	23571.9	22389.8	21284.6	20344.3	19173.2	17864.5	16478.9	15236.3	14191.6	12992.9	11673.3
25°	21999.4	20927.2	20107.9	19288.6	18177.9	16929.8	15709.1	14812.9	13762.7	12580.5	11277.4
22.5°	20553.3	19783.5	19140.2	18282.4	17199.2	16110.5	15351.7	14422.5	13344.8	12146.1	10870.5
20°	19629.5	19107.2	18370.4	17424.7	16572.4	15890.6	15049.3	14065.1	12954.4	11700.7	10524.1
17.5°	19184.2	18579.3	17760.1	17144.2	16489.9	15742.1	14801.9	13757.2	12575.0	11497.3	10562.6
15°	18953.2	18315.4	17776.6	17171.7	16434.9	15648.7	14603.9	13520.7	12575.0	11579.8	10590.1
12.5°	19002.7	18452.9	17864.5	17204.7	16412.9	15571.7	14625.9	13619.7	12641.0	11640.3	10595.6
10°	19156.7	18579.3	17952.5	17221.2	16423.9	15593.7	14686.4	13680.2	12674.0	11667.8	10584.6
7.5°	19211.7	18584.8	17914.0	17177.2	16396.4	15582.7	14697.4	13696.7	12679.5	11662.3	10551.6
5°	19041.2	18474.9	17826.0	17083.8	16319.5	15527.7	14653.4	13674.7	12635.5	11607.3	10469.1
2.5°	18810.3	18353.9	17732.6	17017.8	16242.5	15450.7	14581.9	13575.7	12536.5	11508.3	10364.6
0°	18771.8	18205.4	17578.6	16940.8	16116.0	15280.3	14417.0	13388.8	12355.1	11321.4	10183.2
-2.5°	18518.9	17919.5	17292.7	16599.9	15874.1	15032.8	14125.6	13119.4	12096.6	11079.4	9985.2
-5°	18326.4	17661.1	16995.8	16248.0	15516.7	14675.4	13735.2	12756.5	11755.7	10766.0	9710.3
-7.5°	18068.0	17386.2	16687.9	15907.1	15115.3	14257.5	13328.3	12349.6	11365.3	10381.1	9369.4
-10°	17545.6	16946.3	16292.0	15483.7	14647.9	13790.2	12866.4	11904.2	10920.0	9924.7	8907.5
-12.5°	16913.3	16281.0	15566.2	14823.9	14076.1	13278.8	12355.1	11409.3	10419.6	9418.9	8407.2
-15°	16094.0	15472.7	14741.4	14015.6	13295.3	12531.0	11717.2	10865.0	9858.8	8874.5	7862.8
-17.5°	15071.3	14488.5	13834.2	13141.3	12426.5	11656.8	10865.0	10144.7	9204.4	8280.7	7280.0
-20°	13971.6	13427.3	12838.9	12184.6	11469.8	10716.5	9968.7	9215.4	8401.7	7587.9	6658.6



REPORT NUMBER: P722045
 CATALOG NUMBER: IFLD-L-SA8D-730-U-76

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	12827.9	12278.1	11684.3	11073.9	10414.1	9715.8	9023.0	8302.7	7587.9	6851.1	6064.8
-25°	11508.3	11024.4	10480.1	9886.3	9297.9	8687.6	8027.8	7373.5	6763.1	6125.3	5482.0
-27.5°	10128.2	9682.8	9187.9	8671.1	8165.2	7653.9	7082.0	6477.2	5971.3	5443.5	4910.1
-30°	8676.6	8319.2	7917.8	7466.9	7076.5	6664.1	6185.8	5685.4	5223.5	4822.2	4393.3
-32.5°	7302.0	6999.6	6713.6	6416.7	6031.8	5712.9	5383.0	5014.6	4607.7	4228.3	3920.4
-35°	6119.8	5795.4	5674.4	5454.5	5179.6	4899.1	4657.2	4393.3	4085.4	3750.0	3497.0
-37.5°	5124.6	4932.1	4761.7	4640.7	4459.3	4233.8	4041.4	3848.9	3612.5	3359.6	3106.6
-40°	4349.3	4217.3	4030.4	3969.9	3854.4	3700.5	3502.5	3354.1	3194.6	3002.2	2787.7
-42.5°	3728.0	3629.0	3508.0	3403.6	3354.1	3244.1	3090.1	2947.2	2820.7	2688.8	2523.8
-45°	3216.6	3150.6	3073.6	2980.2	2941.7	2853.7	2743.7	2584.3	2512.8	2402.8	2281.9
-47.5°	2804.2	2771.2	2716.2	2655.8	2600.8	2534.8	2435.8	2336.9	2237.9	2166.4	2072.9
-50°	2479.8	2457.8	2424.8	2375.3	2303.9	2259.9	2193.9	2105.9	2012.4	1952.0	1886.0
-52.5°	2221.4	2199.4	2177.4	2138.9	2083.9	2039.9	1984.9	1913.5	1836.5	1776.0	1721.0
-55°	2023.4	1990.4	1974.0	1941.0	1897.0	1847.5	1798.0	1748.5	1682.5	1627.5	1572.6
-57.5°	1869.5	1825.5	1803.5	1776.0	1732.0	1682.5	1644.0	1594.6	1550.6	1490.1	1440.6
-60°	1748.5	1699.0	1655.0	1627.5	1589.1	1539.6	1501.1	1462.6	1418.6	1369.1	1308.6
-62.5°	1649.5	1589.1	1528.6	1495.6	1457.1	1413.1	1374.6	1336.1	1292.1	1242.7	1187.7
-65°	1556.1	1484.6	1407.6	1374.6	1336.1	1292.1	1242.7	1215.2	1176.7	1132.7	1077.7
-67.5°	1440.6	1363.6	1297.6	1259.2	1220.7	1182.2	1138.2	1110.7	1072.2	1017.2	962.2
-70°	1270.1	1220.7	1176.7	1143.7	1110.7	1077.7	1033.7	989.7	945.7	896.3	846.8
-72.5°	1055.7	1039.2	1033.7	1017.2	978.7	940.2	896.3	852.3	813.8	775.3	736.8
-75°	852.3	863.3	874.3	868.8	830.3	791.8	753.3	714.8	687.3	654.3	621.3
-77.5°	676.3	687.3	698.3	698.3	670.8	648.8	621.3	593.8	571.8	544.3	511.4
-80°	522.4	538.9	555.3	566.3	544.3	527.9	505.9	483.9	461.9	439.9	417.9
-82.5°	395.9	412.4	428.9	439.9	423.4	412.4	395.9	379.4	362.9	340.9	324.4
-85°	285.9	296.9	307.9	313.4	302.4	291.4	280.4	269.4	258.4	241.9	230.9
-87.5°	165.0	170.5	176.0	181.4	170.5	159.5	154.0	143.0	137.5	126.5	121.0
-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: P722045
 CATALOG NUMBER: IFLD-L-SA8D-730-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°	137.5	126.5	115.5	110.0	99.0	82.5	71.5	60.5	49.5	38.5	33.0
85°	291.4	263.9	230.9	214.4	192.4	170.5	148.5	126.5	104.5	82.5	60.5
82.5°	500.4	467.4	434.4	395.9	346.4	285.9	225.4	186.9	154.0	121.0	93.5
80°	753.3	692.8	637.8	588.3	533.4	456.4	373.9	296.9	208.9	159.5	121.0
77.5°	1044.7	973.2	896.3	813.8	725.8	621.3	527.9	428.9	324.4	219.9	154.0
75°	1374.6	1281.1	1176.7	1061.2	945.7	808.3	676.3	560.8	439.9	307.9	186.9
72.5°	1743.0	1627.5	1501.1	1347.1	1165.7	1006.2	846.8	692.8	549.8	390.4	252.9
70°	2215.9	2034.4	1847.5	1682.5	1451.6	1198.7	1011.7	835.8	654.3	478.4	318.9
67.5°	2721.7	2501.8	2276.4	2034.4	1743.0	1446.1	1176.7	978.7	764.3	560.8	379.4
65°	3271.6	2996.7	2710.7	2441.3	2039.9	1688.0	1385.6	1116.2	868.8	637.8	439.9
62.5°	3837.9	3513.5	3183.6	2831.7	2369.8	1935.5	1583.6	1270.1	967.7	709.3	494.9
60°	4442.8	4063.4	3662.0	3222.1	2683.3	2204.9	1770.5	1429.6	1072.2	780.8	555.3
57.5°	5080.6	4668.2	4195.3	3601.5	3007.7	2463.3	1984.9	1572.6	1165.7	846.8	599.3
55°	5773.4	5300.5	4783.7	3997.4	3326.6	2721.7	2199.4	1715.5	1264.6	901.7	643.3
52.5°	6521.2	5971.3	5317.0	4415.3	3662.0	2985.7	2397.3	1842.0	1358.1	962.2	681.8
50°	7357.0	6664.1	5784.4	4800.2	3953.4	3233.1	2595.3	1979.4	1435.1	1028.2	714.8
47.5°	8225.7	7477.9	6202.3	5157.6	4250.3	3475.0	2798.7	2100.4	1512.1	1083.2	747.8
45°	9133.0	8044.3	6636.7	5476.5	4508.7	3695.0	2952.7	2210.4	1605.6	1132.7	775.3
42.5°	10029.2	8473.1	7016.0	5795.4	4750.7	3892.9	3079.1	2314.9	1682.5	1182.2	802.8
40°	10452.6	8797.6	7318.5	6015.3	4954.1	4068.9	3189.1	2408.3	1748.5	1215.2	830.3
37.5°	10628.5	8995.5	7516.4	6224.3	5113.6	4162.3	3282.6	2490.8	1803.5	1248.2	852.3
35°	10667.0	9067.0	7615.4	6367.2	5245.5	4250.3	3354.1	2551.3	1847.5	1281.1	874.3
32.5°	10595.6	9045.0	7642.9	6416.7	5328.0	4316.3	3403.6	2595.3	1880.5	1314.1	896.3
30°	10436.1	8929.5	7543.9	6411.2	5388.5	4354.8	3436.5	2628.3	1913.5	1336.1	907.2
27.5°	10177.7	8726.1	7417.4	6416.7	5421.5	4371.3	3453.0	2644.8	1935.5	1352.6	929.2
25°	9858.8	8451.2	7422.9	6405.7	5427.0	4376.8	3453.0	2644.8	1941.0	1358.1	945.7
22.5°	9490.4	8451.2	7422.9	6389.2	5394.0	4365.8	3436.5	2633.8	1941.0	1369.1	962.2
20°	9512.4	8456.6	7406.4	6356.2	5344.5	4332.8	3398.1	2606.3	1924.5	1385.6	973.2
17.5°	9528.9	8445.7	7373.5	6312.2	5278.5	4277.8	3348.6	2567.8	1924.5	1402.1	978.7
15°	9528.9	8412.7	7324.0	6246.3	5196.1	4200.8	3277.1	2534.8	1930.0	1407.6	989.7
12.5°	9512.4	8352.2	7247.0	6158.3	5097.1	4107.4	3233.1	2523.8	1930.0	1413.1	989.7
10°	9479.4	8269.7	7148.0	6048.3	5003.6	4074.4	3211.1	2501.8	1919.0	1413.1	989.7
7.5°	9418.9	8170.7	7065.5	5982.3	4948.6	4035.9	3178.1	2468.8	1902.5	1402.1	1000.7
5°	9325.4	8115.7	6999.6	5905.4	4871.6	4008.4	3156.1	2441.3	1891.5	1402.1	989.7
2.5°	9204.4	8049.8	6922.6	5806.4	4783.7	3914.9	3084.6	2380.8	1853.0	1380.1	978.7
0°	9006.5	7917.8	6790.6	5668.9	4662.7	3821.4	3013.2	2320.4	1814.5	1358.1	967.7
-2.5°	8825.0	7741.8	6620.2	5526.0	4547.2	3739.0	2958.2	2287.4	1798.0	1352.6	962.2
-5°	8572.1	7499.9	6394.7	5339.0	4393.3	3656.5	2903.2	2248.9	1781.5	1341.6	962.2
-7.5°	8291.7	7247.0	6158.3	5146.6	4239.3	3513.5	2798.7	2188.4	1743.0	1319.6	956.7
-10°	7857.3	6867.6	5861.4	4926.6	4074.4	3387.1	2710.7	2133.4	1710.0	1297.6	934.7
-12.5°	7395.4	6449.7	5520.5	4657.2	3887.4	3255.1	2611.8	2072.9	1671.5	1275.6	923.7
-15°	6906.1	6020.8	5163.1	4376.8	3684.0	3095.6	2507.3	2006.9	1633.0	1248.2	907.2
-17.5°	6394.7	5570.0	4794.7	4090.9	3480.5	2930.7	2397.3	1946.5	1589.1	1220.7	890.8
-20°	5855.9	5108.1	4420.8	3799.4	3266.1	2765.7	2281.9	1875.0	1539.6	1187.7	868.8



REPORT NUMBER: P722045
 CATALOG NUMBER: IFLD-L-SA8D-730-U-76

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	5322.5	4651.7	4035.9	3513.5	3046.2	2595.3	2166.4	1803.5	1484.6	1149.2	852.3
-25°	4849.7	4222.8	3695.0	3238.6	2831.7	2430.3	2045.4	1732.0	1424.1	1110.7	830.3
-27.5°	4387.8	3854.4	3359.6	2980.2	2622.8	2270.9	1930.0	1655.0	1363.6	1066.7	808.3
-30°	3958.9	3502.5	3095.6	2727.2	2424.8	2127.9	1831.0	1578.1	1297.6	1022.7	780.8
-32.5°	3568.5	3200.1	2859.2	2507.3	2237.9	1984.9	1737.5	1501.1	1231.7	978.7	753.3
-35°	3205.6	2919.7	2622.8	2325.9	2050.9	1853.0	1638.5	1418.6	1171.2	929.2	725.8
-37.5°	2881.2	2650.3	2413.8	2160.9	1924.5	1726.5	1545.1	1336.1	1110.7	885.3	698.3
-40°	2600.8	2413.8	2204.9	2001.4	1803.5	1616.6	1451.6	1253.7	1050.2	852.3	670.8
-42.5°	2342.3	2199.4	2028.9	1858.5	1682.5	1517.6	1358.1	1165.7	989.7	813.8	643.3
-45°	2144.4	2001.4	1864.0	1710.0	1561.6	1418.6	1259.2	1088.7	934.7	769.8	615.8
-47.5°	1957.5	1831.0	1704.5	1578.1	1457.1	1325.1	1165.7	1022.7	874.3	731.3	593.8
-50°	1792.5	1671.5	1561.6	1451.6	1347.1	1220.7	1072.2	956.7	824.8	692.8	566.3
-52.5°	1638.5	1534.1	1424.1	1336.1	1248.2	1121.7	1000.7	890.8	775.3	648.8	538.9
-55°	1501.1	1402.1	1303.1	1220.7	1138.2	1028.2	929.2	835.8	725.8	615.8	511.4
-57.5°	1369.1	1286.6	1193.2	1116.2	1033.7	945.7	863.3	775.3	676.3	582.8	483.9
-60°	1248.2	1171.2	1088.7	1011.7	940.2	868.8	791.8	720.3	632.3	544.3	456.4
-62.5°	1127.2	1061.2	989.7	912.7	857.8	791.8	731.3	659.8	588.3	511.4	406.9
-65°	1017.2	956.7	890.8	824.8	775.3	725.8	670.8	604.8	544.3	472.9	362.9
-67.5°	907.2	852.3	797.3	742.3	698.3	659.8	604.8	555.3	505.9	428.9	318.9
-70°	802.8	758.8	709.3	665.3	632.3	588.3	549.8	505.9	461.9	373.9	269.4
-72.5°	703.8	659.8	621.3	588.3	560.8	522.4	489.4	456.4	395.9	313.4	225.4
-75°	588.3	560.8	538.9	511.4	483.9	456.4	428.9	390.4	329.9	252.9	176.0
-77.5°	483.9	467.4	450.9	428.9	406.9	384.9	351.9	313.4	263.9	197.9	143.0
-80°	395.9	379.4	368.4	346.4	329.9	307.9	274.9	241.9	192.4	154.0	115.5
-82.5°	302.4	291.4	280.4	269.4	252.9	230.9	197.9	170.5	143.0	115.5	88.0
-85°	214.4	208.9	197.9	186.9	170.5	154.0	132.0	115.5	99.0	77.0	60.5
-87.5°	110.0	104.5	99.0	93.5	88.0	77.0	66.0	55.0	49.5	38.5	27.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P722045
 CATALOG NUMBER: IFLD-L-SA8D-730-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°	44.0	27.5	11.0	0.0
82.5°	66.0	44.0	16.5	0.0
80°	88.0	55.0	27.5	0.0
77.5°	110.0	66.0	33.0	0.0
75°	132.0	82.5	38.5	0.0
72.5°	148.5	93.5	44.0	0.0
70°	176.0	110.0	49.5	0.0
67.5°	219.9	121.0	55.0	0.0
65°	258.4	132.0	60.5	0.0
62.5°	302.4	143.0	66.0	0.0
60°	340.9	154.0	71.5	0.0
57.5°	379.4	181.4	77.0	0.0
55°	412.4	203.4	82.5	0.0
52.5°	450.9	225.4	88.0	0.0
50°	483.9	247.4	93.5	0.0
47.5°	511.4	269.4	93.5	0.0
45°	533.4	285.9	99.0	0.0
42.5°	549.8	302.4	104.5	0.0
40°	566.3	318.9	110.0	0.0
37.5°	582.8	335.4	110.0	0.0
35°	599.3	351.9	115.5	0.0
32.5°	615.8	368.4	115.5	0.0
30°	626.8	379.4	121.0	0.0
27.5°	643.3	390.4	121.0	0.0
25°	648.8	401.4	126.5	0.0
22.5°	659.8	406.9	126.5	0.0
20°	670.8	417.9	126.5	0.0
17.5°	676.3	423.4	132.0	0.0
15°	676.3	428.9	137.5	0.0
12.5°	681.8	434.4	137.5	0.0
10°	681.8	445.4	132.0	0.0
7.5°	692.8	439.9	132.0	0.0
5°	687.3	439.9	132.0	0.0
2.5°	681.8	434.4	132.0	0.0
0°	676.3	434.4	132.0	0.0
-2.5°	676.3	434.4	132.0	0.0
-5°	676.3	434.4	132.0	0.0
-7.5°	670.8	439.9	132.0	0.0
-10°	659.8	439.9	132.0	0.0
-12.5°	654.3	423.4	132.0	0.0
-15°	648.8	417.9	132.0	0.0
-17.5°	637.8	412.4	126.5	0.0
-20°	626.8	406.9	126.5	0.0



REPORT NUMBER: P722045
 CATALOG NUMBER: IFLD-L-SA8D-730-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	615.8	395.9	126.5	0.0
-25°	604.8	384.9	121.0	0.0
-27.5°	593.8	373.9	121.0	0.0
-30°	577.3	362.9	115.5	0.0
-32.5°	560.8	351.9	115.5	0.0
-35°	549.8	335.4	110.0	0.0
-37.5°	533.4	318.9	110.0	0.0
-40°	516.9	302.4	104.5	0.0
-42.5°	500.4	285.9	99.0	0.0
-45°	478.4	269.4	99.0	0.0
-47.5°	461.9	252.9	93.5	0.0
-50°	434.4	230.9	88.0	0.0
-52.5°	401.4	208.9	82.5	0.0
-55°	368.4	192.4	77.0	0.0
-57.5°	335.4	170.5	77.0	0.0
-60°	302.4	148.5	71.5	0.0
-62.5°	269.4	137.5	66.0	0.0
-65°	236.4	126.5	60.5	0.0
-67.5°	197.9	110.0	55.0	0.0
-70°	165.0	99.0	49.5	0.0
-72.5°	143.0	88.0	44.0	0.0
-75°	121.0	77.0	38.5	0.0
-77.5°	104.5	66.0	33.0	0.0
-80°	82.5	49.5	22.0	0.0
-82.5°	60.5	38.5	16.5	0.0
-85°	38.5	27.5	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)