

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: P722619

Luminaire Tested: **IFLD-L-SA7C-830-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722619
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7C-830-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (112) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	36018.9 lumens	Max Intensity:	25145.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	97.6 lumens/watt		
Luminous Opening:	Rectangular (W 2' 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:	22978.5 lumens	Field Lumens:	33957.7 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

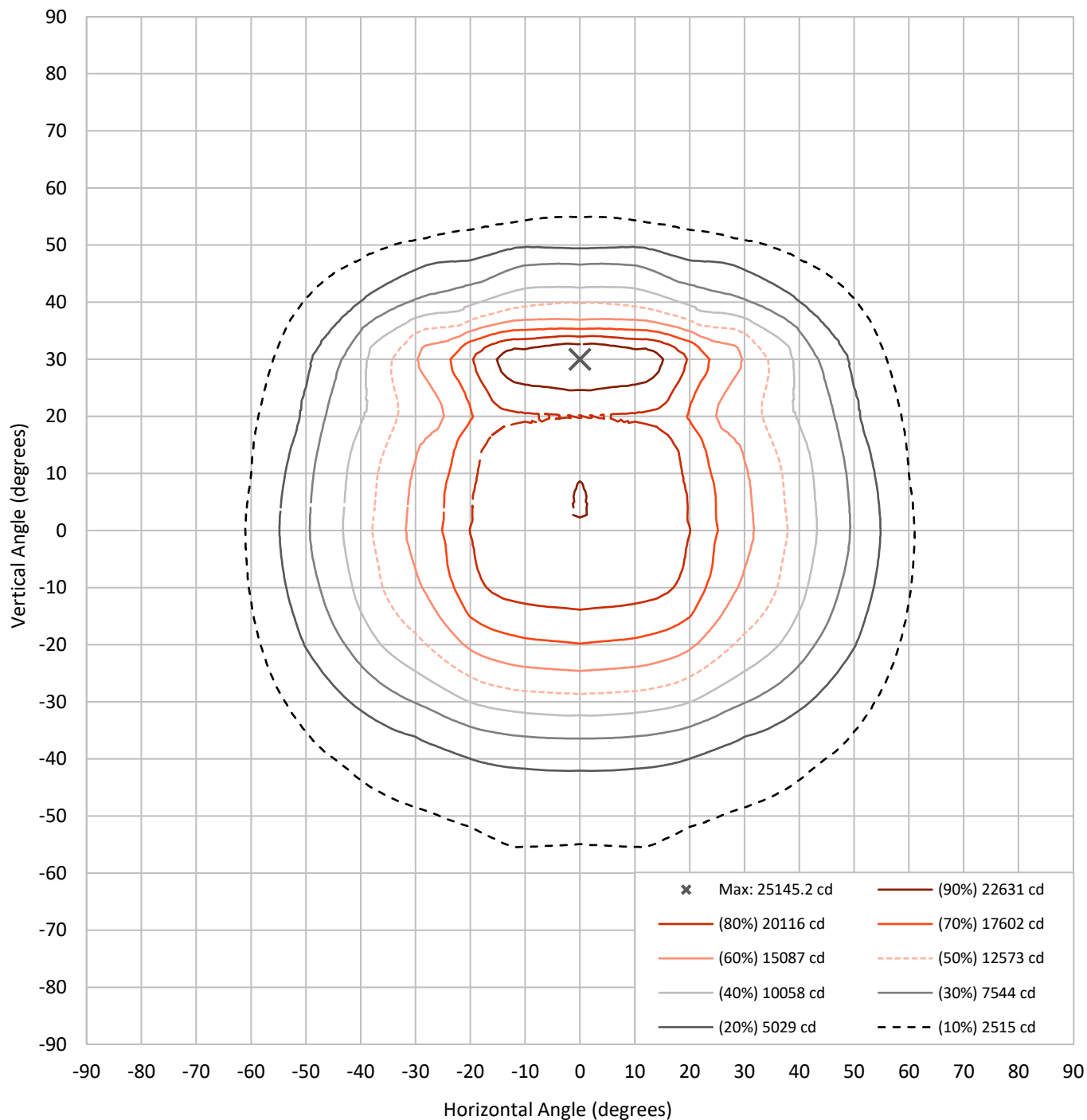
Input Watts (W): 369
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



REPORT NUMBER: P722619

CATALOG NUMBER: IFLD-L-SA7C-830-U-76-VI

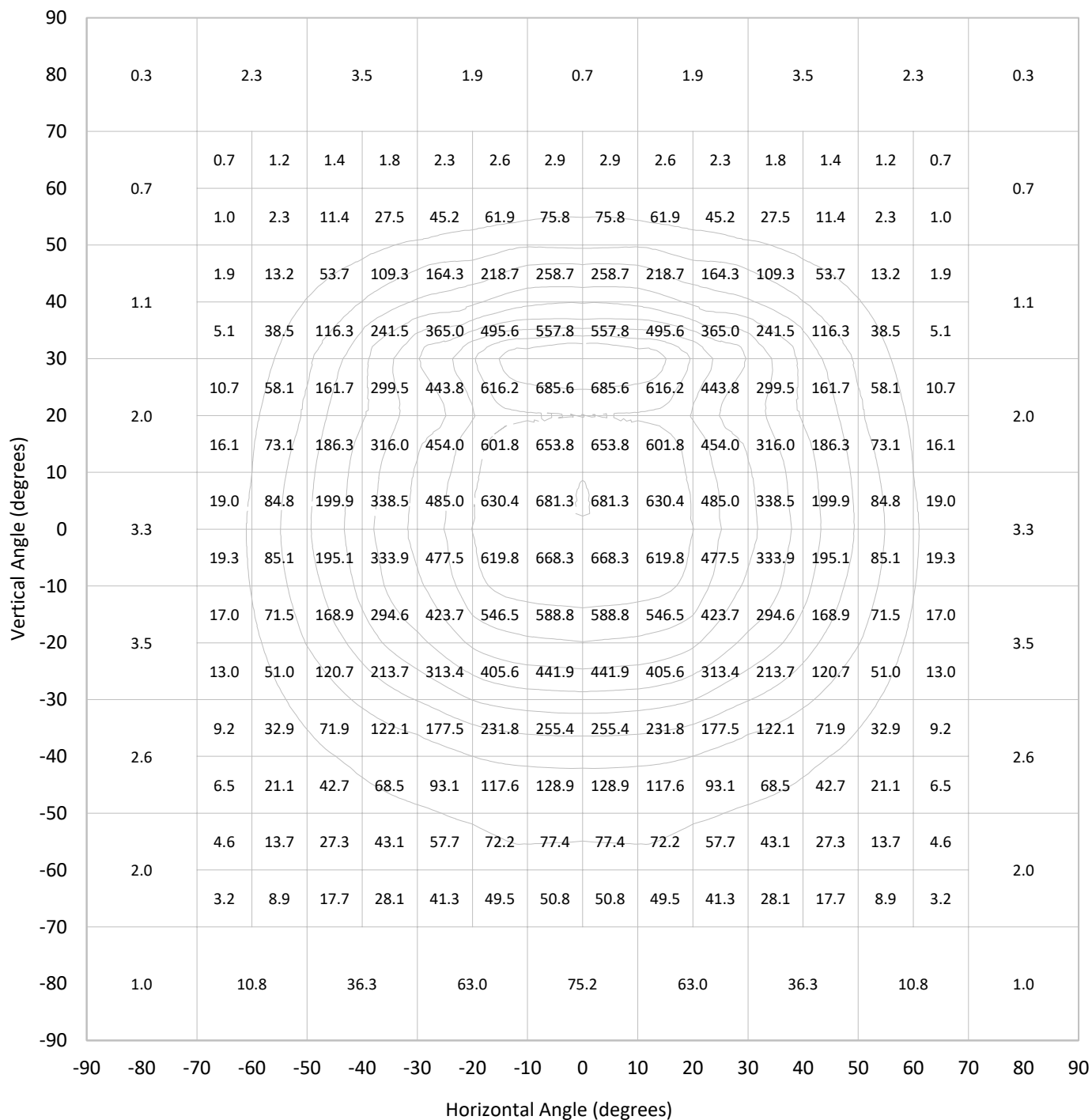
Iso-Candela Plot



REPORT NUMBER: P722619

CATALOG NUMBER: IFLD-L-SA7C-830-U-76-VI

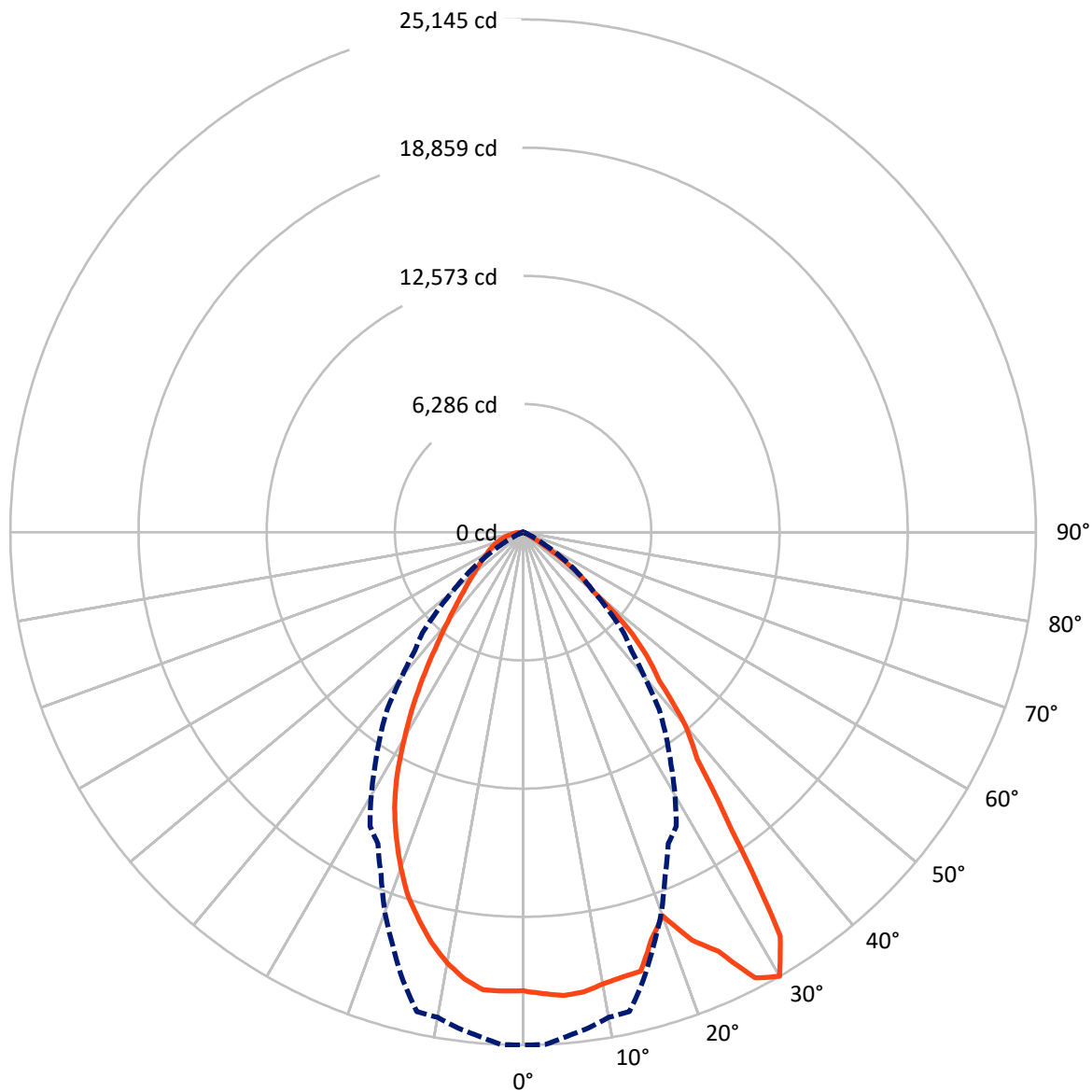
Lumen Table



REPORT NUMBER: P722619

CATALOG NUMBER: IFLD-L-SA7C-830-U-76-VI

Luminous Intensity Polar Plot



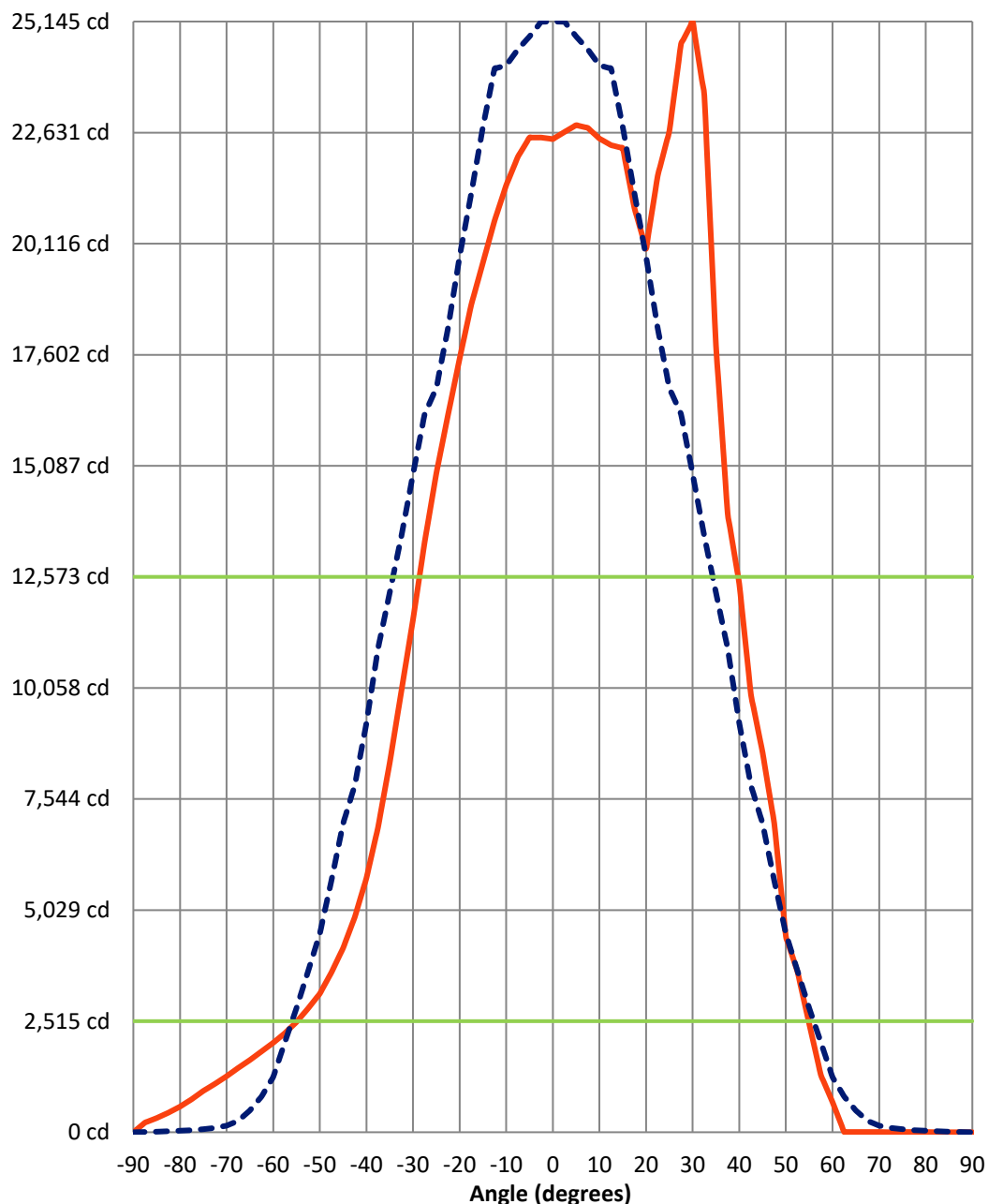
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

REPORT NUMBER: P722619

CATALOG NUMBER: IFLD-L-SA7C-830-U-76-VI

Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 22978.5

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 33957.7

Efficiency: 94.3%

Spill:

Lumens: 2061.1

Efficiency: 5.7%

— Vertical Distribution through 0-Deg

- - Horizontal Distribution through 30-Deg

REPORT NUMBER: P722619

CATALOG NUMBER: IFLD-L-SA7C-830-U-76-VI

FIELD
BEAM

CANDELA DISTRIBUTION:

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	5.7	5.7	5.7	5.7	5.7	5.7	5.7
85°	0.0	5.7	5.7	5.7	11.5	11.5	11.5	11.5	11.5	11.5	17.2
82.5°	0.0	5.7	5.7	5.7	11.5	11.5	11.5	11.5	17.2	17.2	22.9
80°	5.7	5.7	5.7	5.7	11.5	11.5	11.5	17.2	17.2	22.9	22.9
77.5°	5.7	5.7	5.7	11.5	11.5	11.5	17.2	17.2	22.9	22.9	28.7
75°	5.7	5.7	5.7	11.5	11.5	17.2	17.2	17.2	22.9	22.9	28.7
72.5°	0.0	5.7	5.7	11.5	11.5	17.2	17.2	17.2	22.9	22.9	22.9
70°	5.7	5.7	5.7	11.5	11.5	17.2	17.2	17.2	22.9	22.9	22.9
67.5°	5.7	5.7	5.7	11.5	11.5	17.2	17.2	22.9	22.9	22.9	28.7
65°	5.7	5.7	5.7	11.5	17.2	17.2	22.9	28.7	28.7	34.4	40.1
62.5°	5.7	11.5	11.5	17.2	22.9	28.7	63.1	97.5	97.5	68.8	57.3
60°	682.4	739.7	734.0	665.2	579.2	487.4	470.2	453.0	418.6	367.0	384.2
57.5°	1296.0	1364.8	1393.5	1376.2	1330.4	1250.1	1204.2	1152.6	1083.8	1003.5	911.8
55°	2454.3	2483.0	2419.9	2299.5	2167.6	2035.7	1989.8	1921.0	1817.8	1714.6	1577.0
52.5°	3629.9	3727.3	3698.7	3578.2	3400.5	3165.4	2907.3	2706.6	2586.2	2471.5	2333.9
50°	4432.7	4472.8	4553.1	4696.4	4748.1	4587.5	4168.9	3629.9	3245.7	3440.6	3291.5
47.5°	6995.9	7196.6	7156.5	7053.3	6881.2	6445.4	5860.5	5378.8	4977.4	4845.5	4868.5
45°	8595.8	8676.1	8647.4	8601.5	8521.3	8114.1	7466.1	6726.4	6353.7	6204.6	6049.8
42.5°	9909.0	9995.0	10012.2	10017.9	9931.9	9559.2	8974.3	8234.5	7861.8	7431.7	7093.4
40°	12414.9	12541.1	12397.7	12208.5	11921.7	11497.4	10924.0	10241.6	9582.1	9054.6	8653.2
37.5°	14014.8	14169.6	14227.0	14215.5	14152.4	13968.9	13263.6	12615.6	11606.4	10425.1	10637.2
35°	17810.9	17971.5	17925.6	17753.6	17661.8	17466.9	16778.8	16010.3	14743.1	13458.6	13114.5
32.5°	23470.8	23820.6	23166.8	22450.0	22008.5	22163.3	21463.7	19582.9	18998.0	16681.3	15608.9
30°	25145.2	25139.5	24806.9	24514.4	24153.1	24078.6	22759.7	21257.3	19823.7	18200.9	16847.6
27.5°	24634.8	24531.6	24250.6	24038.5	23700.1	23522.4	22232.1	21039.4	19382.2	17931.4	16623.9
25°	22667.9	22748.2	22461.5	22421.4	22289.5	21945.4	21303.2	19961.3	18481.9	16876.2	15935.8
22.5°	21653.0	21624.3	21280.2	21079.5	21240.1	20873.1	20615.0	19261.7	17719.2	16365.9	15236.2
20°	20001.5	20007.2	19921.2	19904.0	19806.5	19640.2	19433.8	18476.1	17386.6	16228.3	14869.2
17.5°	20924.7	21159.8	21263.0	20408.6	20649.5	20460.2	20242.3	18906.2	18086.2	17059.7	15287.8
15°	22278.0	22192.0	22088.8	22042.9	21911.0	21733.2	21337.6	20271.0	18860.3	17799.5	16417.5
12.5°	22346.8	22180.5	22140.4	22134.7	21997.0	21750.4	21366.2	20483.2	19233.1	17942.8	16818.9
10°	22495.9	22323.9	22300.9	22329.6	22117.4	21962.6	21578.4	20758.4	19347.8	18189.4	17128.6
7.5°	22736.8	22450.0	22581.9	22495.9	22398.4	22151.9	21739.0	20936.2	19766.4	18516.3	17403.8
5°	22799.8	22484.4	22627.8	22547.5	22404.2	22163.3	21716.0	21050.9	20024.4	18648.2	17512.8
2.5°	22645.0	22553.3	22490.2	22341.1	22278.0	22014.2	21589.9	20878.8	19904.0	18590.8	17489.8
0°	22484.4	22564.7	22421.4	22272.3	22243.6	22031.4	21670.2	21027.9	20185.0	18751.4	17684.8
-2.5°	22518.9	22455.8	22358.3	22203.5	22054.4	21750.4	21423.6	20821.5	19915.5	18401.6	17409.5
-5°	22518.9	22226.4	22237.9	22243.6	22094.5	21779.1	21383.4	20873.1	19754.9	18395.8	17329.3
-7.5°	22083.0	21830.7	21790.6	21756.2	21716.0	21423.6	21113.9	20477.4	19485.4	18246.8	17105.6
-10°	21440.8	21194.2	21217.2	21165.5	21039.4	20844.4	20609.3	20035.9	19221.6	17776.5	16652.6
-12.5°	20638.0	20529.0	20466.0	20379.9	20253.8	20081.7	19840.9	19301.9	18430.3	17197.4	16130.8
-15°	19686.1	19605.8	19548.5	19496.8	19313.3	19135.6	18820.2	18321.3	17776.5	16451.9	15362.4
-17.5°	18734.2	18533.5	18453.2	18384.4	18264.0	17977.2	17690.5	17317.8	16555.1	15505.7	14571.0
-20°	17512.8	17392.3	17294.8	17203.1	17031.1	16807.4	16572.3	16142.2	15482.8	14634.1	13665.0

REPORT NUMBER: P722619

CATALOG NUMBER: IFLD-L-SA7C-830-U-76-VI

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	16234.0	16165.2	16084.9	15970.2	15855.5	15643.3	15316.5	14903.6	14387.5	13470.0	12564.0
-25°	14915.1	14783.2	14685.7	14576.8	14485.0	14290.0	13974.6	13579.0	12931.0	12139.7	11382.7
-27.5°	13361.1	13234.9	13183.3	13057.2	12976.9	12799.1	12483.7	12116.7	11531.8	10866.6	10098.2
-30°	11606.4	11629.3	11572.0	11451.5	11354.0	11124.7	10883.8	10574.2	10115.4	9478.9	8790.8
-32.5°	9983.5	10012.2	9943.4	9817.2	9691.1	9524.8	9301.1	9020.2	8676.1	8068.3	7471.9
-35°	8360.7	8349.2	8291.9	8217.3	8131.3	7993.7	7741.4	7529.2	7133.6	6709.2	6296.3
-37.5°	6904.2	6932.8	6915.6	6875.5	6778.0	6663.3	6456.9	6261.9	5969.5	5596.7	5275.6
-40°	5751.6	5786.0	5763.0	5722.9	5636.9	5568.1	5430.4	5258.4	5023.3	4702.2	4432.7
-42.5°	4868.5	4891.4	4862.7	4828.3	4753.8	4702.2	4593.2	4449.9	4254.9	4008.3	3767.5
-45°	4168.9	4174.6	4145.9	4123.0	4065.7	4002.6	3910.8	3796.2	3641.3	3469.3	3274.3
-47.5°	3618.4	3612.7	3584.0	3561.0	3515.2	3457.8	3383.3	3280.1	3159.6	3027.7	2872.9
-50°	3136.7	3165.4	3153.9	3131.0	3096.6	3056.4	2981.9	2872.9	2752.5	2655.0	2546.1
-52.5°	2804.1	2809.8	2804.1	2804.1	2798.4	2769.7	2683.7	2574.7	2442.8	2356.8	2265.1
-55°	2494.4	2523.1	2534.6	2546.1	2551.8	2551.8	2448.6	2333.9	2207.7	2121.7	2052.9
-57.5°	2242.1	2259.3	2270.8	2299.5	2322.4	2339.6	2247.9	2144.7	2047.2	1966.9	1903.8
-60°	2024.2	2047.2	2064.4	2093.0	2110.2	2121.7	2064.4	1995.6	1938.2	1886.6	1794.9
-62.5°	1829.3	1846.5	1863.7	1880.9	1898.1	1909.5	1886.6	1852.2	1823.5	1800.6	1685.9
-65°	1634.3	1651.5	1668.7	1691.6	1708.8	1720.3	1714.6	1691.6	1668.7	1645.8	1542.5
-67.5°	1456.5	1473.7	1496.7	1502.4	1513.9	1519.6	1508.1	1490.9	1462.3	1433.6	1353.3
-70°	1267.3	1278.8	1290.2	1290.2	1290.2	1284.5	1273.0	1250.1	1221.4	1181.3	1118.2
-72.5°	1095.3	1106.7	1118.2	1101.0	1089.5	1072.3	1055.1	1026.5	997.8	969.1	934.7
-75°	934.7	940.4	940.4	917.5	900.3	883.1	860.2	843.0	814.3	791.3	762.7
-77.5°	745.5	745.5	745.5	728.3	716.8	705.3	688.1	670.9	648.0	630.8	607.8
-80°	579.2	579.2	579.2	573.4	556.2	544.8	533.3	521.8	504.6	493.2	481.7
-82.5°	441.5	441.5	441.5	435.8	424.3	418.6	407.1	395.7	389.9	378.5	372.7
-85°	321.1	326.9	326.9	321.1	315.4	303.9	298.2	292.5	286.7	281.0	269.5
-87.5°	217.9	217.9	217.9	212.2	206.4	206.4	200.7	189.2	177.8	172.0	166.3
-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: P722619

CATALOG NUMBER: IFLD-L-SA7C-830-U-76-VI

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
85°	17.2	17.2	17.2	22.9	22.9	22.9	22.9	22.9	22.9	22.9	17.2
82.5°	28.7	28.7	34.4	34.4	40.1	40.1	40.1	40.1	40.1	40.1	40.1
80°	28.7	34.4	40.1	45.9	51.6	57.3	57.3	57.3	57.3	51.6	51.6
77.5°	34.4	34.4	40.1	45.9	51.6	57.3	63.1	68.8	63.1	63.1	63.1
75°	34.4	40.1	40.1	45.9	51.6	57.3	63.1	68.8	68.8	68.8	68.8
72.5°	28.7	34.4	40.1	45.9	45.9	51.6	57.3	57.3	63.1	63.1	68.8
70°	28.7	34.4	40.1	40.1	45.9	45.9	51.6	57.3	57.3	63.1	63.1
67.5°	34.4	40.1	40.1	45.9	51.6	51.6	51.6	57.3	57.3	63.1	63.1
65°	40.1	45.9	45.9	51.6	57.3	57.3	63.1	63.1	63.1	68.8	68.8
62.5°	68.8	68.8	68.8	63.1	68.8	68.8	68.8	74.5	74.5	68.8	74.5
60°	355.5	258.0	177.8	223.6	200.7	91.7	91.7	91.7	86.0	86.0	80.3
57.5°	837.2	779.9	670.9	567.7	510.4	453.0	281.0	114.7	114.7	103.2	91.7
55°	1399.2	1210.0	1129.7	992.0	843.0	774.1	642.2	435.8	206.4	137.6	120.4
52.5°	2167.6	1989.8	1783.4	1502.4	1301.7	1141.1	1032.2	820.0	550.5	292.5	183.5
50°	2901.6	2821.3	2695.2	2419.9	2001.3	1731.8	1554.0	1313.2	986.3	602.1	344.1
47.5°	4673.5	4002.6	3595.4	3383.3	3033.5	2523.1	2179.1	1909.5	1513.9	1015.0	607.8
45°	5883.5	5459.1	4811.1	4363.9	3847.8	3308.7	2861.4	2551.8	2081.6	1519.6	951.9
42.5°	6921.4	6554.4	5969.5	5315.8	4771.0	4065.7	3492.2	3085.1	2689.4	2075.8	1422.1
40°	8257.5	7821.7	7259.7	6623.2	5986.7	5086.4	4157.4	3664.3	3228.4	2683.7	1921.0
37.5°	10459.5	9691.1	8773.6	8068.3	7236.8	6474.1	5201.1	4329.4	3813.4	3245.7	2505.9
35°	13108.8	12265.8	10734.7	9800.0	8687.6	7552.2	6405.3	5115.1	4381.1	3778.9	3044.9
32.5°	15574.5	14341.6	12380.5	11285.2	10545.5	8452.5	7265.4	6147.2	4966.0	4226.2	3354.6
30°	16256.9	14897.9	13493.0	12214.2	10952.6	9261.0	7856.1	6984.5	5700.0	4495.7	3647.1
27.5°	15568.8	14634.1	13544.6	12357.6	10992.8	9542.0	8217.3	7385.9	6239.0	4679.2	3876.4
25°	14869.2	13894.4	13131.7	12139.7	10878.1	9524.8	8228.8	7638.2	6657.6	5034.8	4002.6
22.5°	14129.5	13521.6	12890.9	11784.1	10591.4	9576.4	8601.5	7856.1	6875.5	5436.2	4054.2
20°	14169.6	13773.9	13080.1	11600.6	10539.8	9880.3	9048.8	8131.3	7110.6	5786.0	4094.3
17.5°	14811.9	14295.8	13424.2	12139.7	11004.2	10190.0	9421.6	8509.8	7351.5	6095.6	4581.8
15°	15603.2	14817.6	13905.8	12776.2	11491.7	10528.3	9708.3	8773.6	7626.7	6382.3	5017.6
12.5°	16176.6	15058.4	14204.0	13183.3	12019.2	10895.3	9897.5	8974.3	7884.8	6617.5	5344.4
10°	16371.6	15356.6	14347.4	13435.6	12288.7	11090.3	10040.9	9100.4	8108.4	6801.0	5585.3
7.5°	16474.8	15614.7	14444.9	13550.3	12449.3	11210.7	10155.6	9169.3	8286.2	6927.1	5740.1
5°	16463.4	15752.3	14519.4	13584.7	12535.3	11262.3	10235.8	9186.5	8412.3	7036.1	5831.8
2.5°	16411.8	15844.1	14639.8	13642.1	12707.4	11359.8	10390.7	9220.9	8458.2	7156.5	5894.9
0°	16601.0	15849.8	14766.0	13659.3	12822.0	11394.2	10459.5	9192.2	8395.1	7190.9	5889.2
-2.5°	16193.8	15511.5	14737.3	13510.2	12667.2	11313.9	10333.3	9100.4	8257.5	7150.8	5866.3
-5°	16125.0	15264.9	14496.5	13372.5	12409.2	11147.6	10098.2	8928.4	8039.6	7018.9	5774.5
-7.5°	15941.5	15029.8	14261.4	13263.6	12168.3	10975.6	9874.6	8750.6	7804.5	6812.4	5642.6
-10°	15540.1	14668.5	14009.1	13028.5	11875.9	10729.0	9605.1	8515.5	7529.2	6531.4	5436.2
-12.5°	14966.7	14095.1	13441.4	12529.6	11508.9	10396.4	9283.9	8211.6	7213.8	6233.3	5189.6
-15°	14318.7	13435.6	12781.9	11950.4	10964.1	9880.3	8876.8	7827.4	6852.6	5917.9	4897.1
-17.5°	13584.7	12747.5	12116.7	11308.2	10327.6	9295.4	8297.6	7345.7	6434.0	5591.0	4558.8
-20°	12736.0	11921.7	11342.6	10534.0	9633.7	8630.2	7661.1	6760.8	5940.8	5149.5	4186.1



REPORT NUMBER: P722619

CATALOG NUMBER: IFLD-L-SA7C-830-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°	11686.6	10969.8	10310.4	9587.9	8802.3	7884.8	6984.5	6187.4	5401.8	4627.6	3801.9
-25°	10614.3	9920.5	9278.2	8618.8	7867.5	7076.2	6307.8	5585.3	4816.9	4117.3	3429.2
-27.5°	9421.6	8802.3	8228.8	7621.0	6932.8	6250.5	5619.7	4914.4	4249.2	3652.8	3062.2
-30°	8148.5	7643.9	7145.0	6606.0	6049.8	5476.3	4914.4	4249.2	3727.3	3251.4	2752.5
-32.5°	6927.1	6474.1	6072.7	5671.3	5189.6	4719.4	4220.5	3727.3	3291.5	2872.9	2454.3
-35°	5854.8	5373.1	5149.5	4828.3	4444.1	4019.8	3612.7	3268.6	2918.8	2540.3	2167.6
-37.5°	4925.8	4616.2	4352.4	4111.5	3807.6	3440.6	3148.2	2867.2	2574.7	2230.7	1909.5
-40°	4197.6	3973.9	3710.1	3532.4	3285.8	3022.0	2729.6	2494.4	2247.9	1966.9	1703.1
-42.5°	3612.7	3429.2	3257.1	3067.9	2884.4	2660.7	2408.4	2184.8	1961.2	1754.7	1536.8
-45°	3131.0	2999.1	2861.4	2706.6	2546.1	2351.1	2144.7	1915.3	1754.7	1571.2	1387.7
-47.5°	2735.3	2637.8	2523.1	2402.7	2265.1	2093.0	1903.8	1737.5	1571.2	1416.4	1238.6
-50°	2419.9	2328.2	2236.4	2133.2	2012.8	1863.7	1720.3	1565.5	1410.7	1261.6	1095.3
-52.5°	2156.1	2075.8	2001.3	1915.3	1800.6	1674.4	1542.5	1404.9	1261.6	1112.5	980.6
-55°	1972.6	1880.9	1806.3	1720.3	1617.1	1496.7	1376.2	1250.1	1112.5	997.8	888.8
-57.5°	1823.5	1720.3	1634.3	1542.5	1439.3	1336.1	1227.2	1112.5	1009.2	900.3	797.1
-60°	1697.4	1577.0	1479.5	1387.7	1290.2	1192.7	1101.0	1003.5	906.0	808.5	705.3
-62.5°	1565.5	1439.3	1318.9	1232.9	1158.3	1072.3	992.0	900.3	814.3	716.8	642.2
-65°	1416.4	1296.0	1181.3	1106.7	1037.9	963.4	888.8	808.5	734.0	659.5	590.6
-67.5°	1250.1	1146.9	1066.6	997.8	929.0	865.9	797.1	728.3	665.2	590.6	521.8
-70°	1049.4	992.0	946.2	894.6	831.5	774.1	711.1	648.0	579.2	516.1	453.0
-72.5°	894.6	860.2	825.7	774.1	716.8	665.2	613.6	556.2	498.9	441.5	389.9
-75°	734.0	705.3	676.7	642.2	596.4	556.2	510.4	458.7	412.9	372.7	332.6
-77.5°	590.6	567.7	550.5	521.8	487.4	453.0	424.3	389.9	355.5	315.4	275.2
-80°	470.2	458.7	453.0	441.5	412.9	384.2	361.3	332.6	298.2	269.5	240.8
-82.5°	367.0	367.0	361.3	355.5	332.6	309.7	292.5	269.5	246.6	223.6	195.0
-85°	269.5	263.8	263.8	258.0	240.8	229.4	212.2	200.7	183.5	160.6	149.1
-87.5°	160.6	154.8	149.1	143.4	131.9	126.2	114.7	109.0	97.5	86.0	80.3
-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: P722619

CATALOG NUMBER: IFLD-L-SA7C-830-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	0.0	0.0
85°	17.2	11.5	11.5	11.5	11.5	11.5	5.7	5.7	5.7	5.7	5.7
82.5°	34.4	34.4	28.7	28.7	22.9	17.2	11.5	11.5	11.5	5.7	5.7
80°	51.6	51.6	51.6	45.9	40.1	28.7	22.9	17.2	11.5	5.7	5.7
77.5°	63.1	57.3	57.3	51.6	51.6	45.9	34.4	28.7	17.2	11.5	5.7
75°	63.1	63.1	63.1	57.3	57.3	51.6	45.9	34.4	28.7	17.2	11.5
72.5°	68.8	63.1	63.1	63.1	57.3	51.6	45.9	40.1	34.4	22.9	11.5
70°	63.1	63.1	63.1	63.1	57.3	57.3	45.9	40.1	40.1	22.9	17.2
67.5°	63.1	63.1	63.1	57.3	57.3	51.6	45.9	40.1	40.1	28.7	17.2
65°	68.8	63.1	63.1	63.1	57.3	51.6	45.9	40.1	40.1	34.4	22.9
62.5°	74.5	68.8	68.8	63.1	57.3	51.6	45.9	40.1	40.1	34.4	22.9
60°	80.3	74.5	68.8	68.8	63.1	57.3	45.9	45.9	40.1	34.4	22.9
57.5°	86.0	80.3	80.3	74.5	68.8	63.1	51.6	45.9	40.1	34.4	28.7
55°	103.2	91.7	86.0	86.0	80.3	68.8	57.3	45.9	40.1	34.4	28.7
52.5°	137.6	109.0	97.5	97.5	91.7	80.3	63.1	51.6	40.1	34.4	28.7
50°	217.9	137.6	114.7	103.2	103.2	91.7	74.5	57.3	40.1	34.4	28.7
47.5°	344.1	229.4	137.6	120.4	114.7	109.0	86.0	57.3	45.9	34.4	28.7
45°	567.7	338.3	223.6	143.4	120.4	114.7	97.5	63.1	45.9	40.1	28.7
42.5°	779.9	527.6	344.1	172.0	143.4	126.2	103.2	68.8	51.6	40.1	28.7
40°	1227.2	722.5	481.7	281.0	166.3	131.9	114.7	80.3	51.6	40.1	28.7
37.5°	1663.0	957.6	648.0	412.9	189.2	149.1	120.4	86.0	57.3	40.1	34.4
35°	2098.8	1341.8	802.8	550.5	252.3	177.8	126.2	91.7	57.3	40.1	34.4
32.5°	2488.7	1703.1	963.4	688.1	378.5	212.2	137.6	97.5	63.1	45.9	34.4
30°	2809.8	2035.7	1250.1	808.5	493.2	258.0	149.1	97.5	68.8	45.9	34.4
27.5°	3050.7	2293.7	1542.5	934.7	590.6	303.9	172.0	109.0	68.8	45.9	34.4
25°	3245.7	2494.4	1800.6	1066.6	676.7	378.5	206.4	114.7	74.5	51.6	34.4
22.5°	3400.5	2660.7	2012.8	1244.4	779.9	453.0	252.3	126.2	74.5	51.6	34.4
20°	3612.7	2827.0	2156.1	1433.6	888.8	521.8	292.5	137.6	74.5	51.6	40.1
17.5°	3796.2	2993.3	2270.8	1594.2	997.8	573.4	338.3	149.1	80.3	51.6	40.1
15°	4008.3	3153.9	2374.0	1720.3	1101.0	619.3	378.5	160.6	80.3	57.3	40.1
12.5°	4237.7	3303.0	2448.6	1823.5	1210.0	659.5	412.9	183.5	86.0	57.3	40.1
10°	4472.8	3429.2	2511.7	1898.1	1290.2	699.6	435.8	206.4	91.7	57.3	40.1
7.5°	4707.9	3543.8	2591.9	1932.5	1324.6	745.5	447.3	229.4	91.7	63.1	40.1
5°	4868.5	3618.4	2706.6	1955.4	1341.8	797.1	464.5	258.0	97.5	63.1	40.1
2.5°	5006.1	3664.3	2827.0	1972.6	1347.6	825.7	458.7	275.2	103.2	63.1	40.1
0°	5069.2	3664.3	2907.3	1961.2	1330.4	854.4	458.7	292.5	103.2	63.1	40.1
-2.5°	4971.7	3767.5	2884.4	1966.9	1336.1	854.4	481.7	298.2	114.7	68.8	40.1
-5°	4816.9	3807.6	2815.6	1938.2	1324.6	854.4	510.4	303.9	120.4	68.8	45.9
-7.5°	4667.8	3824.8	2735.3	1909.5	1307.4	831.5	516.1	298.2	131.9	74.5	45.9
-10°	4472.8	3635.6	2632.1	1857.9	1273.0	814.3	527.6	298.2	137.6	74.5	45.9
-12.5°	4249.2	3406.2	2505.9	1783.4	1232.9	797.1	533.3	298.2	143.4	80.3	45.9
-15°	3991.1	3171.1	2362.6	1703.1	1175.5	774.1	521.8	292.5	149.1	80.3	51.6
-17.5°	3698.7	2941.7	2213.5	1605.6	1112.5	745.5	498.9	286.7	149.1	80.3	51.6
-20°	3366.1	2712.4	2047.2	1508.1	1037.9	711.1	476.0	275.2	149.1	80.3	51.6

REPORT NUMBER: P722619

CATALOG NUMBER: IFLD-L-SA7C-830-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	3067.9	2500.2	1875.1	1399.2	957.6	670.9	447.3	263.8	149.1	86.0	51.6
-25°	2821.3	2293.7	1743.2	1290.2	871.6	625.0	418.6	252.3	149.1	86.0	51.6
-27.5°	2563.3	2070.1	1605.6	1187.0	814.3	584.9	389.9	240.8	143.4	86.0	51.6
-30°	2299.5	1852.2	1462.3	1072.3	756.9	544.8	367.0	223.6	143.4	86.0	51.6
-32.5°	2058.6	1674.4	1330.4	957.6	693.9	504.6	344.1	217.9	137.6	86.0	51.6
-35°	1823.5	1513.9	1192.7	865.9	625.0	464.5	321.1	212.2	137.6	86.0	51.6
-37.5°	1628.6	1364.8	1066.6	802.8	584.9	430.1	298.2	200.7	131.9	86.0	51.6
-40°	1468.0	1227.2	946.2	734.0	550.5	395.7	275.2	195.0	131.9	86.0	51.6
-42.5°	1318.9	1095.3	871.6	676.7	516.1	372.7	258.0	189.2	126.2	86.0	51.6
-45°	1187.0	980.6	797.1	625.0	476.0	344.1	246.6	177.8	120.4	86.0	57.3
-47.5°	1055.1	900.3	728.3	579.2	435.8	309.7	235.1	172.0	114.7	80.3	57.3
-50°	951.9	814.3	670.9	527.6	395.7	298.2	223.6	160.6	114.7	80.3	57.3
-52.5°	860.2	734.0	607.8	476.0	361.3	281.0	212.2	149.1	109.0	80.3	57.3
-55°	774.1	659.5	544.8	424.3	338.3	263.8	195.0	137.6	109.0	80.3	57.3
-57.5°	688.1	590.6	481.7	384.2	309.7	246.6	183.5	137.6	109.0	80.3	57.3
-60°	619.3	527.6	435.8	355.5	286.7	223.6	166.3	131.9	103.2	80.3	57.3
-62.5°	562.0	476.0	395.7	321.1	263.8	200.7	160.6	131.9	103.2	80.3	51.6
-65°	504.6	430.1	355.5	292.5	235.1	189.2	154.8	126.2	103.2	80.3	51.6
-67.5°	447.3	378.5	321.1	258.0	217.9	183.5	149.1	126.2	97.5	74.5	51.6
-70°	389.9	332.6	281.0	240.8	206.4	172.0	143.4	120.4	97.5	68.8	45.9
-72.5°	344.1	292.5	252.3	223.6	195.0	166.3	137.6	114.7	91.7	63.1	40.1
-75°	292.5	258.0	229.4	200.7	177.8	154.8	131.9	103.2	80.3	57.3	40.1
-77.5°	246.6	223.6	200.7	183.5	160.6	137.6	114.7	91.7	74.5	51.6	34.4
-80°	212.2	195.0	177.8	160.6	143.4	120.4	103.2	80.3	63.1	45.9	28.7
-82.5°	172.0	160.6	143.4	131.9	120.4	103.2	86.0	68.8	45.9	34.4	22.9
-85°	131.9	120.4	114.7	103.2	91.7	74.5	57.3	45.9	34.4	22.9	11.5
-87.5°	68.8	63.1	57.3	51.6	45.9	34.4	28.7	22.9	17.2	11.5	5.7
-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: P722619

CATALOG NUMBER: IFLD-L-SA7C-830-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0
80°	5.7	0.0	0.0	0.0
77.5°	5.7	0.0	0.0	0.0
75°	5.7	5.7	0.0	0.0
72.5°	5.7	5.7	0.0	0.0
70°	5.7	5.7	0.0	0.0
67.5°	11.5	5.7	0.0	0.0
65°	11.5	5.7	0.0	0.0
62.5°	11.5	5.7	0.0	0.0
60°	11.5	5.7	0.0	0.0
57.5°	17.2	5.7	5.7	0.0
55°	17.2	5.7	5.7	0.0
52.5°	17.2	5.7	5.7	0.0
50°	17.2	11.5	5.7	0.0
47.5°	17.2	11.5	5.7	0.0
45°	17.2	11.5	5.7	0.0
42.5°	17.2	11.5	5.7	0.0
40°	22.9	11.5	5.7	0.0
37.5°	22.9	11.5	5.7	0.0
35°	22.9	11.5	5.7	0.0
32.5°	22.9	11.5	5.7	0.0
30°	22.9	11.5	5.7	0.0
27.5°	22.9	17.2	5.7	0.0
25°	22.9	17.2	5.7	0.0
22.5°	28.7	17.2	5.7	0.0
20°	28.7	17.2	5.7	0.0
17.5°	28.7	17.2	5.7	0.0
15°	28.7	17.2	5.7	0.0
12.5°	28.7	17.2	5.7	0.0
10°	28.7	17.2	5.7	0.0
7.5°	28.7	17.2	5.7	0.0
5°	28.7	17.2	5.7	0.0
2.5°	28.7	17.2	5.7	0.0
0°	28.7	17.2	5.7	0.0
-2.5°	28.7	17.2	5.7	0.0
-5°	28.7	17.2	5.7	0.0
-7.5°	28.7	17.2	5.7	0.0
-10°	28.7	17.2	5.7	0.0
-12.5°	34.4	17.2	5.7	0.0
-15°	34.4	17.2	5.7	0.0
-17.5°	34.4	17.2	5.7	0.0
-20°	34.4	17.2	5.7	0.0



REPORT NUMBER: P722619

CATALOG NUMBER: IFLD-L-SA7C-830-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	34.4	17.2	5.7	0.0
-25°	34.4	17.2	5.7	0.0
-27.5°	34.4	17.2	5.7	0.0
-30°	34.4	17.2	5.7	0.0
-32.5°	34.4	17.2	5.7	0.0
-35°	34.4	17.2	5.7	0.0
-37.5°	34.4	17.2	5.7	0.0
-40°	34.4	17.2	5.7	0.0
-42.5°	28.7	17.2	5.7	0.0
-45°	34.4	17.2	5.7	0.0
-47.5°	34.4	17.2	5.7	0.0
-50°	34.4	17.2	5.7	0.0
-52.5°	34.4	17.2	5.7	0.0
-55°	34.4	17.2	5.7	0.0
-57.5°	34.4	17.2	5.7	0.0
-60°	34.4	17.2	5.7	0.0
-62.5°	28.7	17.2	5.7	0.0
-65°	28.7	11.5	5.7	0.0
-67.5°	28.7	11.5	5.7	0.0
-70°	28.7	11.5	5.7	0.0
-72.5°	22.9	11.5	5.7	0.0
-75°	22.9	11.5	5.7	0.0
-77.5°	17.2	5.7	0.0	0.0
-80°	17.2	5.7	0.0	0.0
-82.5°	11.5	5.7	0.0	0.0
-85°	5.7	5.7	0.0	0.0
-87.5°	5.7	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)