

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: P722333

Luminaire Tested: **IFLD-L-SA8B-940-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722333
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA8B-940-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (128) 4000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

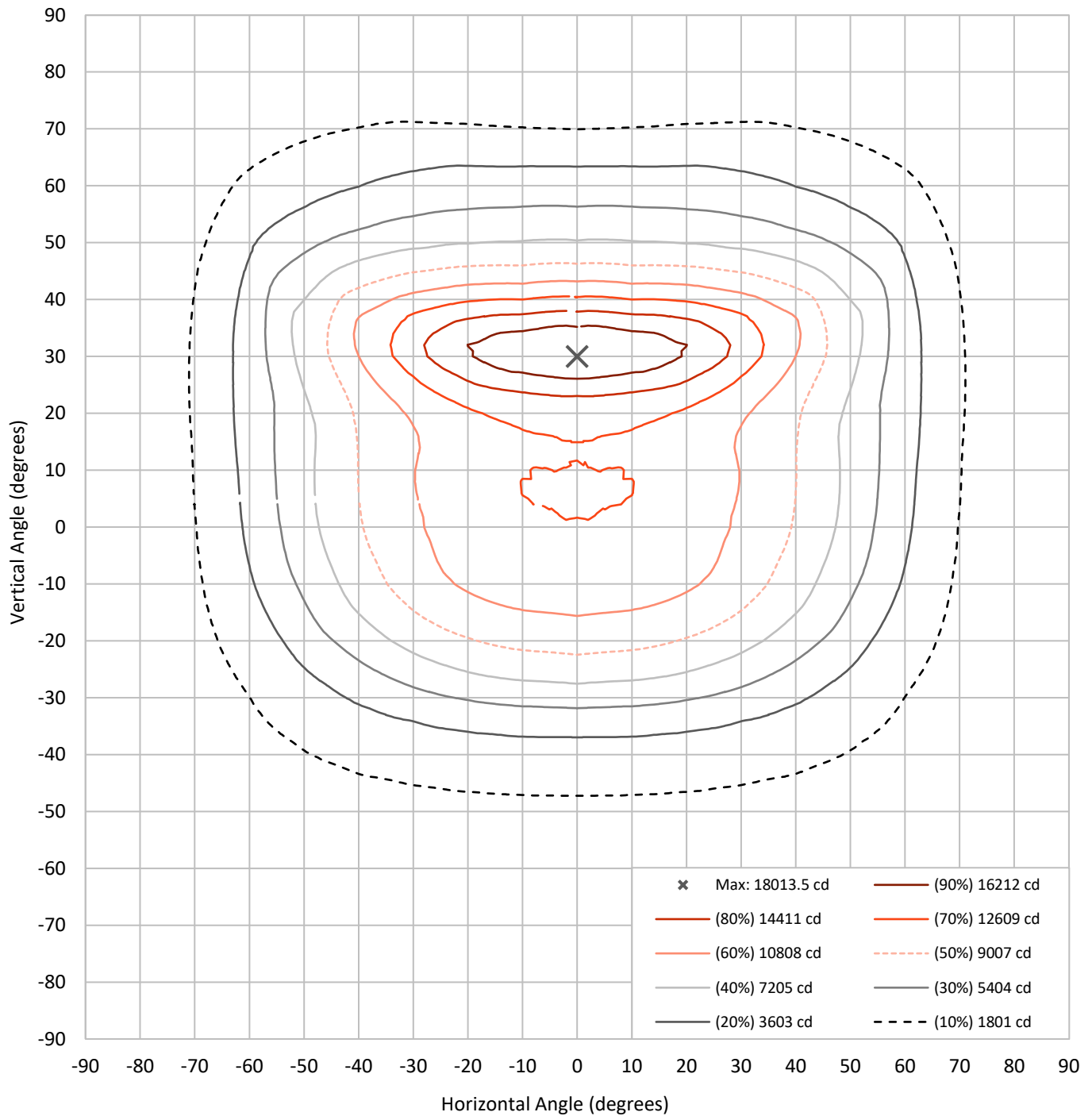
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	30069.1 lumens	Max Intensity:	18013.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	94.0 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	17485.5 lumens	Field Lumens:	28178.6 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 320
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: P722333
CATALOG NUMBER: IFLD-L-SA8B-940-U-76

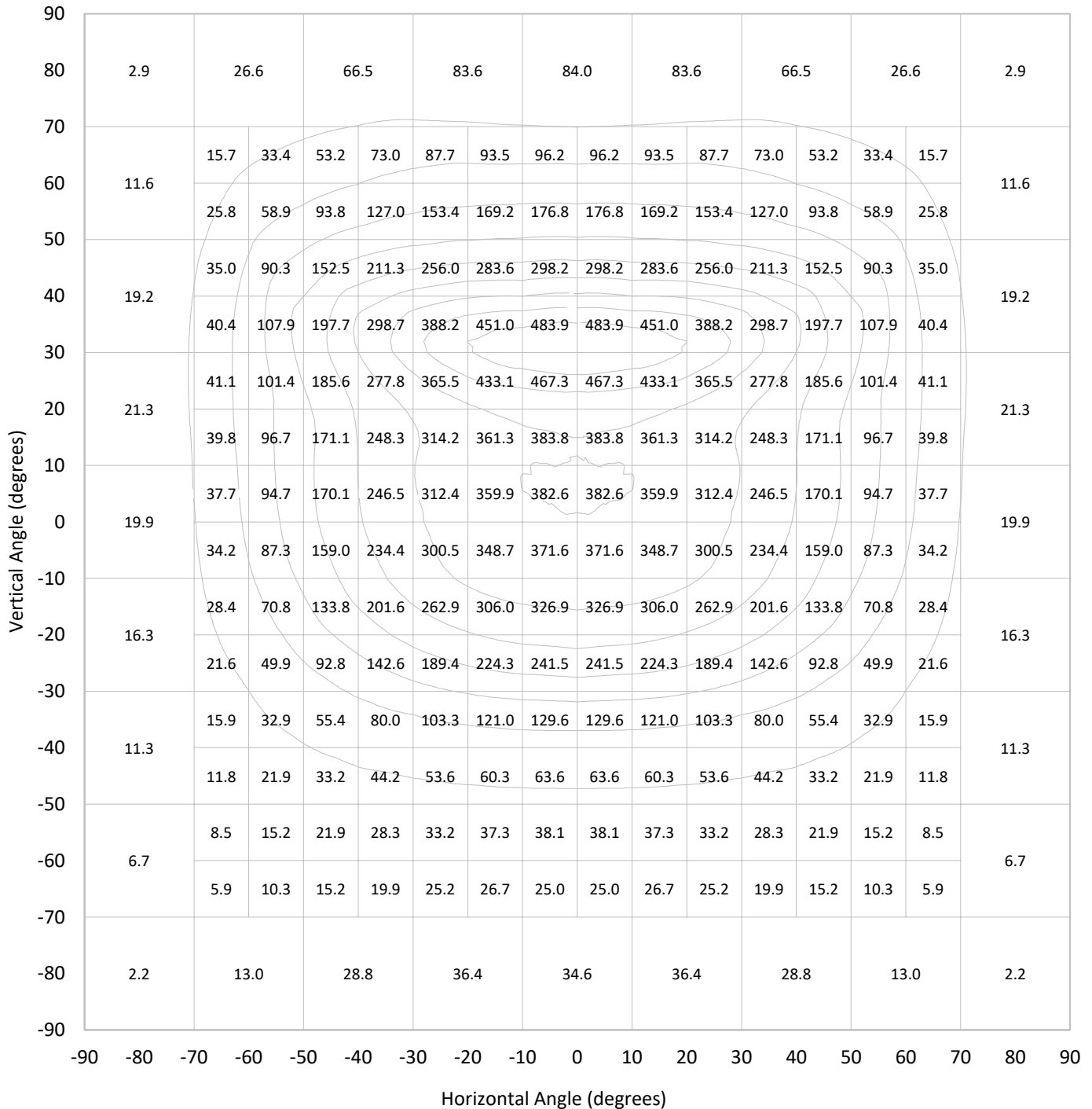
Iso-Candela Plot





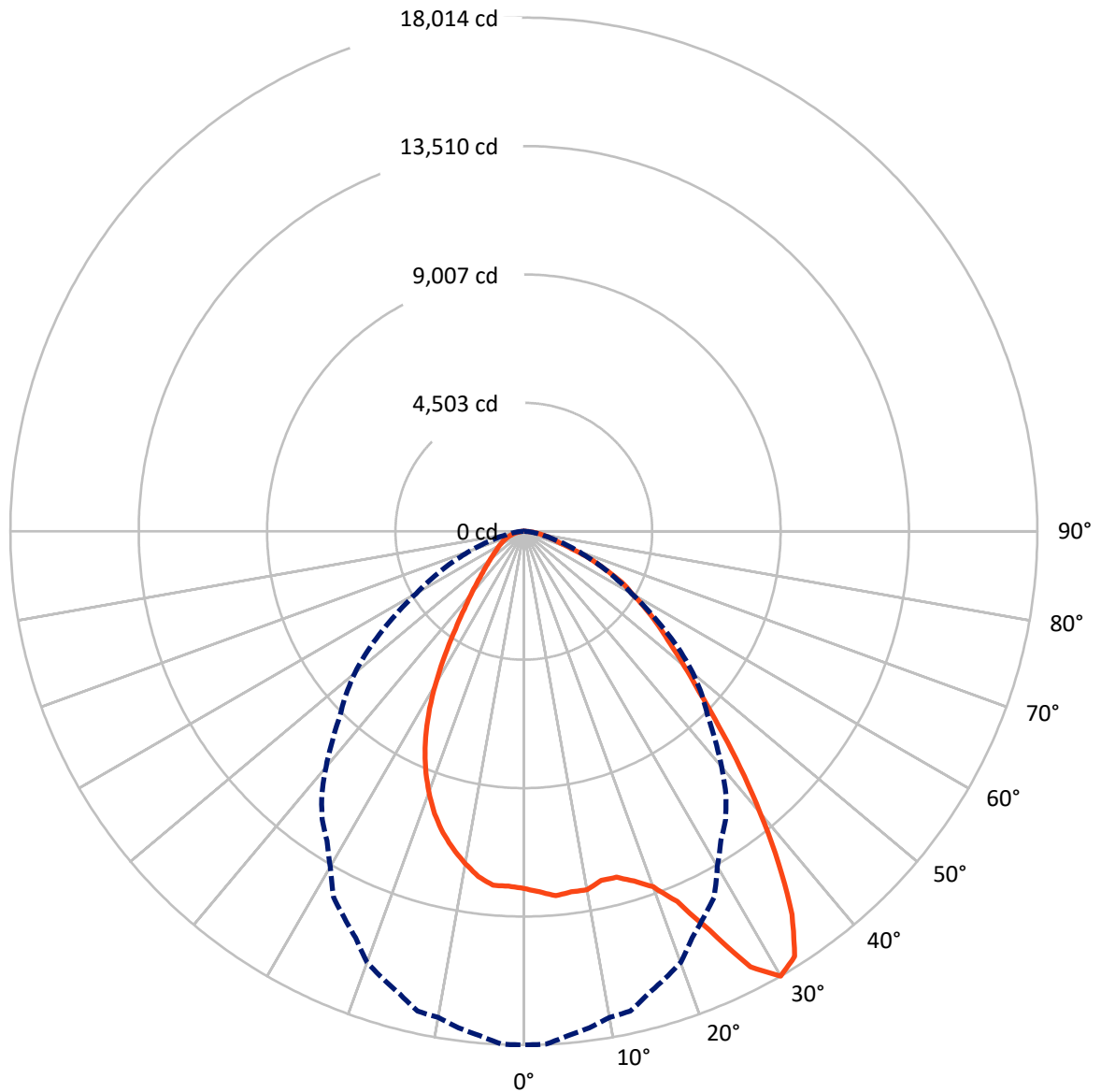
REPORT NUMBER: P722333
 CATALOG NUMBER: IFLD-L-SA8B-940-U-76

Lumen Table



REPORT NUMBER: P722333
CATALOG NUMBER: IFLD-L-SA8B-940-U-76

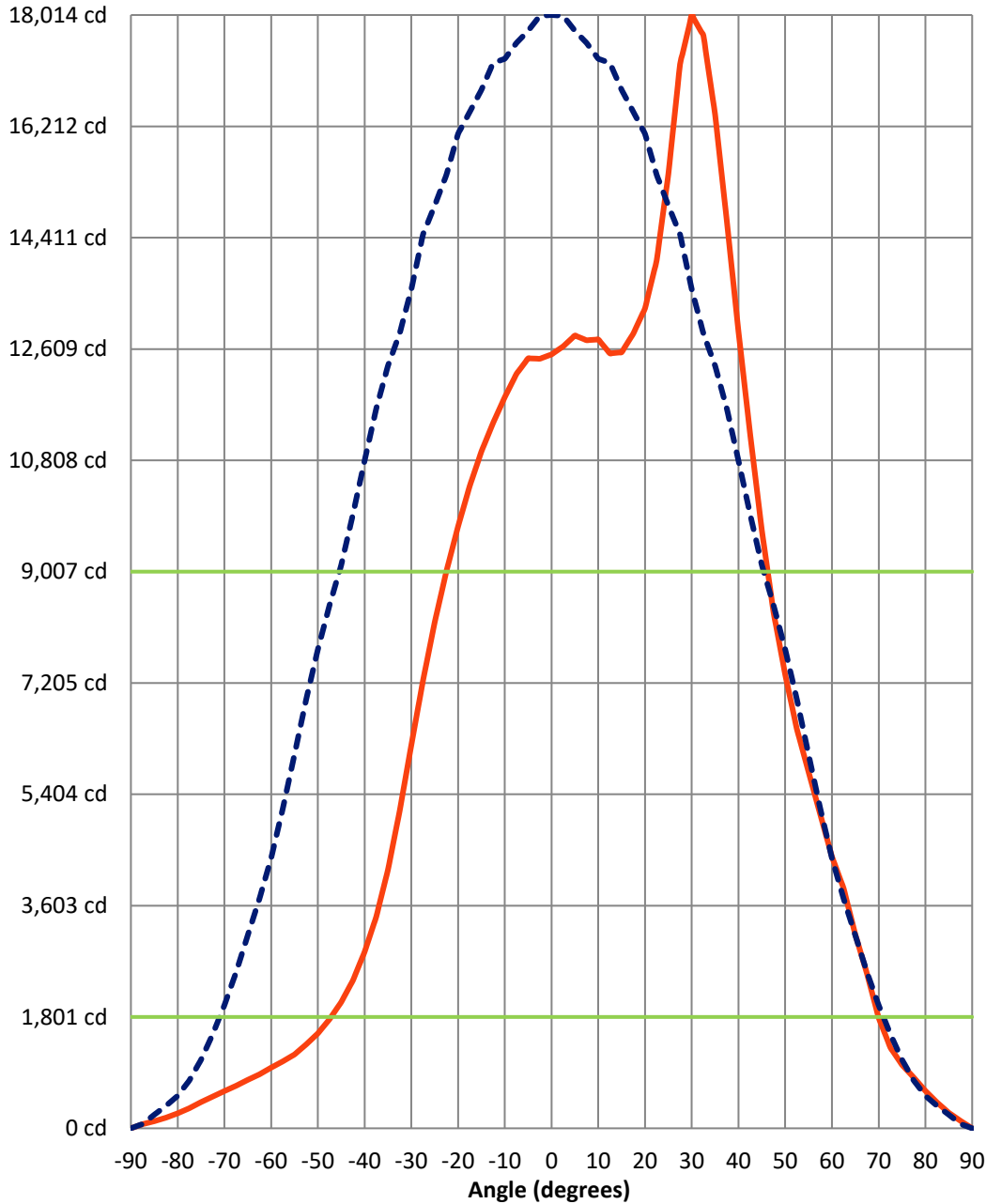
Luminous Intensity Polar Plot



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

REPORT NUMBER: P722333
 CATALOG NUMBER: IFLD-L-SA8B-940-U-76

Luminous Intensity Plot



Beam:
 H Angle: 90.8°
 V Angle: 68.8°
 Lumens: 17485.5
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 28178.6
 Efficiency: 93.7%

Spill:
 Lumens: 1890.5
 Efficiency: 6.3%

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



REPORT NUMBER: P722333
 CATALOG NUMBER: IFLD-L-SA8B-940-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°	121.0	124.2	127.4	127.4	124.2	124.2	124.2	121.0	124.2	124.2	124.2
85°	251.6	258.0	264.4	261.2	258.0	251.6	245.3	248.5	251.6	254.8	254.8
82.5°	417.3	426.8	433.2	430.0	423.7	417.3	410.9	414.1	420.5	423.7	423.7
80°	605.2	608.4	611.6	618.0	608.4	608.4	605.2	618.0	624.3	630.7	637.1
77.5°	821.8	825.0	825.0	828.2	831.4	834.6	834.6	856.9	872.8	882.4	891.9
75°	1025.7	1035.3	1044.8	1054.4	1067.1	1073.5	1083.0	1114.9	1140.4	1159.5	1178.6
72.5°	1306.0	1318.8	1334.7	1357.0	1379.3	1395.2	1417.5	1455.7	1484.4	1503.5	1525.8
70°	1787.0	1799.8	1815.7	1831.6	1853.9	1869.8	1892.1	1939.9	1968.6	1981.3	1994.1
67.5°	2500.6	2532.4	2561.1	2529.2	2513.3	2491.0	2497.4	2542.0	2570.6	2589.7	2586.6
65°	3134.4	3156.7	3156.7	3153.6	3140.8	3112.2	3128.1	3182.2	3214.1	3230.0	3182.2
62.5°	3879.8	3879.8	3863.9	3889.4	3892.6	3873.5	3863.9	3867.1	3870.3	3879.8	3800.2
60°	4395.9	4427.7	4437.3	4459.6	4466.0	4466.0	4481.9	4494.6	4494.6	4475.5	4383.1
57.5°	5077.6	5138.1	5150.8	5134.9	5103.0	5061.6	5055.3	5036.1	4997.9	4959.7	4915.1
55°	5765.6	5797.5	5794.3	5784.7	5752.9	5705.1	5711.5	5686.0	5625.4	5577.7	5517.1
52.5°	6456.8	6533.3	6546.0	6526.9	6482.3	6431.4	6434.5	6405.9	6345.3	6294.4	6211.6
50°	7339.2	7402.9	7396.5	7364.7	7301.0	7262.7	7265.9	7211.8	7141.7	7125.8	7017.5
47.5°	8349.0	8422.2	8409.5	8364.9	8278.9	8263.0	8278.9	8208.8	8167.4	8132.4	8004.9
45°	9674.1	9760.1	9712.3	9626.3	9489.4	9505.3	9527.6	9514.8	9425.6	9333.3	9170.8
42.5°	11228.6	11282.7	11225.4	11139.4	10967.4	10999.2	10986.5	10910.0	10855.9	10703.0	10495.9
40°	12891.4	13009.2	12920.0	12786.3	12607.9	12655.7	12620.6	12521.9	12394.5	12203.3	11942.1
37.5°	14684.8	14777.1	14675.2	14519.1	14359.9	14343.9	14273.8	14120.9	13939.4	13729.1	13311.9
35°	16401.7	16640.6	16452.7	16204.2	16009.9	15936.6	15869.7	15516.2	15309.1	14968.3	14398.1
32.5°	17679.1	17854.3	17621.7	17363.7	17128.0	17026.0	16790.3	16369.9	16258.4	15541.6	15019.2
30°	18013.5	18000.8	17758.7	17561.2	17306.4	17236.3	16803.1	16446.3	16089.5	15427.0	14930.0
27.5°	17217.2	17137.5	16905.0	16733.0	16481.3	16398.5	15971.7	15780.5	15229.5	14668.8	14248.4
25°	15442.9	15484.3	15309.1	15223.1	15057.5	14879.1	14710.2	14452.2	14108.2	13617.7	13232.2
22.5°	14044.5	14098.6	14025.4	13923.5	13796.0	13697.3	13569.9	13369.2	13037.9	12735.3	12372.2
20°	13267.3	13251.3	13187.6	13111.2	12990.1	12920.0	12779.9	12611.1	12356.2	12095.0	11703.2
17.5°	12859.5	12760.8	12700.3	12671.6	12607.9	12518.7	12353.0	12181.0	11983.5	11687.3	11400.6
15°	12556.9	12572.8	12525.1	12502.8	12451.8	12327.6	12158.7	12018.6	11751.0	11601.3	11340.1
12.5°	12537.8	12521.9	12525.1	12515.5	12451.8	12292.5	12206.5	12028.1	11856.1	11658.6	11359.2
10°	12764.0	12595.1	12607.9	12652.5	12550.5	12423.1	12330.7	12136.4	11974.0	11722.3	11426.1
7.5°	12751.2	12665.2	12690.7	12617.4	12649.3	12493.2	12365.8	12171.5	11967.6	11700.0	11432.5
5°	12827.7	12697.1	12674.8	12681.1	12601.5	12483.6	12311.6	12126.9	11935.8	11636.3	11362.4
2.5°	12652.5	12671.6	12569.6	12531.4	12521.9	12324.4	12165.1	11986.7	11789.2	11524.8	11279.6
0°	12521.9	12556.9	12451.8	12397.6	12394.5	12225.6	12123.7	11919.8	11779.7	11559.9	11263.6
-2.5°	12451.8	12493.2	12505.9	12407.2	12311.6	12181.0	12009.0	11789.2	11559.9	11305.0	11050.2
-5°	12458.2	12375.3	12340.3	12372.2	12289.3	12158.7	11967.6	11773.3	11547.1	11273.2	10954.6
-7.5°	12206.5	12123.7	12117.3	12101.4	12082.3	11958.1	11798.8	11588.5	11359.2	11104.4	10808.1
-10°	11830.6	11770.1	11754.2	11738.3	11687.3	11614.0	11464.3	11273.2	11066.1	10811.3	10495.9
-12.5°	11413.3	11384.7	11324.2	11282.7	11231.8	11145.8	11002.4	10827.2	10620.2	10394.0	10123.3
-15°	10951.5	10897.3	10836.8	10801.7	10728.5	10626.5	10483.2	10320.7	10094.6	9871.6	9616.8
-17.5°	10394.0	10327.1	10260.2	10250.7	10199.7	10043.6	9909.8	9712.3	9514.8	9301.4	9053.0
-20°	9737.8	9645.4	9600.8	9575.4	9505.3	9390.6	9247.3	9065.7	8874.6	8670.7	8384.0



REPORT NUMBER: P722333

CATALOG NUMBER: IFLD-L-SA8B-940-U-76

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	9011.5	8931.9	8855.5	8807.7	8747.2	8658.0	8521.0	8361.7	8173.8	7944.4	7680.0
-25°	8186.5	8075.0	8027.2	7973.1	7941.2	7858.4	7724.6	7578.1	7383.8	7160.8	6909.2
-27.5°	7243.6	7154.4	7129.0	7052.5	7014.3	6928.3	6816.8	6679.8	6501.4	6291.2	6084.1
-30°	6202.0	6147.9	6106.4	6030.0	6001.3	5908.9	5835.7	5721.0	5558.6	5408.8	5243.2
-32.5°	5131.7	5077.6	5064.8	5029.8	5010.7	4950.1	4867.3	4784.5	4653.9	4542.4	4408.6
-35°	4182.5	4144.2	4147.4	4144.2	4125.1	4080.5	3978.6	3956.3	3860.7	3758.8	3672.8
-37.5°	3424.3	3427.5	3424.3	3421.1	3395.7	3376.5	3303.3	3274.6	3217.3	3118.5	3067.6
-40°	2854.1	2860.5	2857.3	2850.9	2822.3	2812.7	2764.9	2726.7	2704.4	2634.3	2580.2
-42.5°	2392.2	2401.8	2398.6	2395.4	2376.3	2373.1	2347.7	2303.1	2290.3	2248.9	2191.6
-45°	2041.9	2038.7	2032.3	2038.7	2029.1	2019.6	2003.6	1975.0	1959.0	1939.9	1892.1
-47.5°	1764.7	1767.9	1761.5	1761.5	1748.8	1739.2	1732.9	1713.8	1701.0	1685.1	1656.4
-50°	1535.4	1548.1	1544.9	1541.7	1532.2	1525.8	1525.8	1506.7	1487.6	1481.2	1462.1
-52.5°	1357.0	1366.5	1369.7	1376.1	1379.3	1382.5	1372.9	1353.8	1321.9	1318.8	1309.2
-55°	1194.5	1223.2	1242.3	1255.1	1267.8	1277.4	1258.2	1232.8	1200.9	1188.2	1185.0
-57.5°	1083.0	1111.7	1134.0	1153.1	1169.0	1185.0	1165.9	1140.4	1111.7	1095.8	1092.6
-60°	981.1	1006.6	1028.9	1054.4	1076.7	1102.2	1092.6	1073.5	1057.6	1044.8	1032.1
-62.5°	872.8	898.3	923.8	955.6	984.3	1009.8	1013.0	1009.8	1006.6	1009.8	987.5
-65°	783.6	796.4	812.3	847.3	879.2	907.8	923.8	933.3	949.3	965.2	942.9
-67.5°	688.0	704.0	723.1	748.6	774.1	793.2	815.5	840.9	866.4	891.9	876.0
-70°	602.0	614.8	630.7	643.5	659.4	672.1	691.2	719.9	748.6	774.1	767.7
-72.5°	512.9	525.6	535.1	541.5	551.1	557.4	567.0	592.5	611.6	624.3	624.3
-75°	423.7	436.4	446.0	449.1	455.5	458.7	465.1	474.6	484.2	487.4	490.6
-77.5°	324.9	337.7	347.2	353.6	360.0	366.3	369.5	375.9	379.1	379.1	382.2
-80°	242.1	251.6	258.0	267.6	270.8	277.1	283.5	286.7	289.9	289.9	293.1
-82.5°	172.0	178.4	184.8	191.1	197.5	200.7	207.1	210.2	213.4	216.6	219.8
-85°	114.7	121.0	127.4	133.8	137.0	140.2	143.3	146.5	149.7	152.9	156.1
-87.5°	66.9	70.1	73.3	79.6	82.8	89.2	92.4	89.2	92.4	92.4	92.4
-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: P722333
 CATALOG NUMBER: IFLD-L-SA8B-940-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°	124.2	124.2	124.2	124.2	121.0	114.7	111.5	105.1	98.7	92.4	86.0
85°	258.0	261.2	261.2	261.2	254.8	251.6	242.1	232.5	219.8	200.7	184.8
82.5°	430.0	433.2	433.2	430.0	423.7	414.1	401.4	385.4	360.0	334.5	312.2
80°	646.6	649.8	649.8	646.6	630.7	614.8	598.9	579.7	547.9	512.9	474.6
77.5°	904.7	911.0	911.0	901.5	879.2	860.1	834.6	802.7	754.9	704.0	653.0
75°	1204.1	1220.0	1223.2	1213.6	1185.0	1149.9	1108.5	1054.4	981.1	917.4	856.9
72.5°	1551.3	1567.2	1580.0	1567.2	1525.8	1478.0	1417.5	1353.8	1280.5	1194.5	1092.6
70°	2006.8	2022.7	2032.3	1990.9	1917.6	1838.0	1764.7	1691.5	1605.4	1500.3	1388.8
67.5°	2580.2	2564.3	2545.1	2462.3	2369.9	2274.4	2172.5	2064.1	1952.7	1841.2	1710.6
65°	3131.3	3086.7	3045.3	2946.5	2828.6	2704.4	2586.6	2465.5	2331.7	2191.6	2067.3
62.5°	3711.0	3615.4	3513.5	3392.5	3271.4	3134.4	3016.6	2873.2	2723.5	2551.5	2392.2
60°	4281.2	4166.5	4064.6	3914.9	3755.6	3570.9	3443.4	3303.3	3128.1	2943.3	2755.4
57.5°	4832.3	4708.0	4596.6	4466.0	4293.9	4093.3	3953.1	3771.5	3586.8	3354.2	3163.1
55°	5418.4	5294.2	5205.0	5058.4	4870.5	4685.7	4532.8	4341.7	4083.7	3835.2	3599.5
52.5°	6090.5	5991.8	5896.2	5746.5	5520.3	5332.4	5163.6	4950.1	4679.4	4373.6	4090.1
50°	6842.3	6791.3	6689.4	6514.2	6256.2	6090.5	5867.5	5584.0	5294.2	4972.4	4618.9
47.5°	7839.3	7756.5	7613.1	7422.0	7205.4	6956.9	6657.5	6326.2	5915.3	5558.6	5182.7
45°	9030.7	8877.8	8693.0	8435.0	8167.4	7887.1	7559.0	7138.5	6587.4	6122.4	5727.4
42.5°	10320.7	10113.7	9862.0	9524.4	9177.2	8833.2	8479.6	7906.2	7218.2	6683.0	6237.0
40°	11668.2	11403.8	11088.4	10597.9	10212.4	9769.7	9365.1	8508.2	7775.6	7195.9	6721.2
37.5°	12986.9	12652.5	12123.7	11528.0	11078.9	10715.7	9827.0	8909.6	8253.4	7616.3	7135.3
35°	13996.7	13713.2	12779.9	12161.9	11776.5	11203.1	10091.4	9151.7	8457.3	7928.5	7179.9
32.5°	14595.6	13862.9	13044.3	12419.9	12101.4	11161.7	10110.5	9221.8	8552.8	7960.4	7065.3
30°	14461.8	13576.2	12859.5	12337.1	11645.9	10801.7	9932.1	9113.5	8463.6	7746.9	6937.8
27.5°	13655.9	12971.0	12330.7	11786.0	11107.5	10349.4	9546.7	8826.8	8221.6	7527.1	6762.6
25°	12744.8	12123.7	11649.1	11174.4	10531.0	9807.9	9100.7	8581.5	7973.1	7288.2	6533.3
22.5°	11907.1	11461.1	11088.4	10591.5	9964.0	9333.3	8893.7	8355.3	7731.0	7036.6	6297.6
20°	11371.9	11069.3	10642.5	10094.6	9600.8	9205.9	8718.5	8148.3	7504.8	6778.6	6096.9
17.5°	11113.9	10763.5	10288.9	9932.1	9553.1	9119.8	8575.1	7969.9	7285.0	6660.7	6119.2
15°	10980.1	10610.6	10298.4	9948.1	9521.2	9065.7	8460.5	7832.9	7285.0	6708.5	6135.1
12.5°	11008.8	10690.3	10349.4	9967.2	9508.5	9021.1	8473.2	7890.3	7323.3	6743.5	6138.3
10°	11098.0	10763.5	10400.4	9976.7	9514.8	9033.8	8508.2	7925.3	7342.4	6759.5	6131.9
7.5°	11129.8	10766.7	10378.1	9951.2	9498.9	9027.5	8514.6	7934.9	7345.6	6756.3	6112.8
5°	11031.1	10703.0	10327.1	9897.1	9454.3	8995.6	8489.1	7922.1	7320.1	6724.4	6065.0
2.5°	10897.3	10632.9	10273.0	9858.9	9409.7	8951.0	8447.7	7864.8	7262.7	6667.1	6004.5
0°	10875.0	10546.9	10183.8	9814.3	9336.5	8852.3	8352.2	7756.5	7157.6	6558.8	5899.4
-2.5°	10728.5	10381.3	10018.1	9616.8	9196.3	8708.9	8183.3	7600.4	7007.9	6418.6	5784.7
-5°	10617.0	10231.6	9846.1	9412.9	8989.2	8501.9	7957.2	7390.2	6810.4	6237.0	5625.4
-7.5°	10467.3	10072.3	9667.7	9215.4	8756.7	8259.8	7721.4	7154.4	6584.3	6014.1	5427.9
-10°	10164.7	9817.5	9438.4	8970.1	8485.9	7989.0	7453.9	6896.4	6326.2	5749.7	5160.4
-12.5°	9798.3	9432.0	9017.9	8587.9	8154.7	7692.8	7157.6	6609.7	6036.4	5456.6	4870.5
-15°	9323.7	8963.8	8540.1	8119.6	7702.3	7259.6	6788.1	6294.4	5711.5	5141.3	4555.1
-17.5°	8731.2	8393.6	8014.5	7613.1	7199.0	6753.1	6294.4	5877.1	5332.4	4797.2	4217.5
-20°	8094.1	7778.8	7437.9	7058.9	6644.8	6208.4	5775.2	5338.8	4867.3	4395.9	3857.5



REPORT NUMBER: P722333

CATALOG NUMBER: IFLD-L-SA8B-940-U-76

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	7431.6	7113.0	6769.0	6415.4	6033.2	5628.6	5227.3	4810.0	4395.9	3969.0	3513.5
-25°	6667.1	6386.8	6071.4	5727.4	5386.5	5033.0	4650.7	4271.6	3918.1	3548.6	3175.9
-27.5°	5867.5	5609.5	5322.8	5023.4	4730.3	4434.1	4102.8	3752.4	3459.4	3153.6	2844.6
-30°	5026.6	4819.5	4587.0	4325.8	4099.6	3860.7	3583.6	3293.7	3026.1	2793.6	2545.1
-32.5°	4230.2	4055.0	3889.4	3717.4	3494.4	3309.6	3118.5	2905.1	2669.4	2449.6	2271.2
-35°	3545.4	3357.4	3287.3	3159.9	3000.7	2838.2	2698.0	2545.1	2366.8	2172.5	2025.9
-37.5°	2968.8	2857.3	2758.6	2688.5	2583.4	2452.8	2341.3	2229.8	2092.8	1946.3	1799.8
-40°	2519.7	2443.2	2334.9	2299.9	2233.0	2143.8	2029.1	1943.1	1850.7	1739.2	1615.0
-42.5°	2159.7	2102.4	2032.3	1971.8	1943.1	1879.4	1790.2	1707.4	1634.1	1557.7	1462.1
-45°	1863.5	1825.2	1780.6	1726.5	1704.2	1653.2	1589.5	1497.1	1455.7	1392.0	1321.9
-47.5°	1624.6	1605.4	1573.6	1538.6	1506.7	1468.5	1411.1	1353.8	1296.5	1255.1	1200.9
-50°	1436.6	1423.9	1404.8	1376.1	1334.7	1309.2	1271.0	1220.0	1165.9	1130.8	1092.6
-52.5°	1286.9	1274.2	1261.4	1239.1	1207.3	1181.8	1149.9	1108.5	1063.9	1028.9	997.0
-55°	1172.2	1153.1	1143.6	1124.5	1099.0	1070.3	1041.6	1013.0	974.7	942.9	911.0
-57.5°	1083.0	1057.6	1044.8	1028.9	1003.4	974.7	952.4	923.8	898.3	863.2	834.6
-60°	1013.0	984.3	958.8	942.9	920.6	891.9	869.6	847.3	821.8	793.2	758.1
-62.5°	955.6	920.6	885.5	866.4	844.1	818.7	796.4	774.1	748.6	719.9	688.0
-65°	901.5	860.1	815.5	796.4	774.1	748.6	719.9	704.0	681.7	656.2	624.3
-67.5°	834.6	790.0	751.8	729.5	707.2	684.9	659.4	643.5	621.2	589.3	557.4
-70°	735.8	707.2	681.7	662.6	643.5	624.3	598.9	573.4	547.9	519.2	490.6
-72.5°	611.6	602.0	598.9	589.3	567.0	544.7	519.2	493.7	471.4	449.1	426.8
-75°	493.7	500.1	506.5	503.3	481.0	458.7	436.4	414.1	398.2	379.1	360.0
-77.5°	391.8	398.2	404.5	404.5	388.6	375.9	360.0	344.0	331.3	315.4	296.2
-80°	302.6	312.2	321.7	328.1	315.4	305.8	293.1	280.3	267.6	254.8	242.1
-82.5°	229.3	238.9	248.5	254.8	245.3	238.9	229.3	219.8	210.2	197.5	187.9
-85°	165.6	172.0	178.4	181.6	175.2	168.8	162.5	156.1	149.7	140.2	133.8
-87.5°	95.6	98.7	101.9	105.1	98.7	92.4	89.2	82.8	79.6	73.3	70.1
-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: P722333
 CATALOG NUMBER: IFLD-L-SA8B-940-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°	79.6	73.3	66.9	63.7	57.3	47.8	41.4	35.0	28.7	22.3	19.1
85°	168.8	152.9	133.8	124.2	111.5	98.7	86.0	73.3	60.5	47.8	35.0
82.5°	289.9	270.8	251.6	229.3	200.7	165.6	130.6	108.3	89.2	70.1	54.2
80°	436.4	401.4	369.5	340.8	309.0	264.4	216.6	172.0	121.0	92.4	70.1
77.5°	605.2	563.8	519.2	471.4	420.5	360.0	305.8	248.5	187.9	127.4	89.2
75°	796.4	742.2	681.7	614.8	547.9	468.3	391.8	324.9	254.8	178.4	108.3
72.5°	1009.8	942.9	869.6	780.4	675.3	582.9	490.6	401.4	318.5	226.2	146.5
70°	1283.7	1178.6	1070.3	974.7	840.9	694.4	586.1	484.2	379.1	277.1	184.8
67.5°	1576.8	1449.4	1318.8	1178.6	1009.8	837.8	681.7	567.0	442.8	324.9	219.8
65°	1895.3	1736.1	1570.4	1414.3	1181.8	977.9	802.7	646.6	503.3	369.5	254.8
62.5°	2223.4	2035.5	1844.4	1640.5	1372.9	1121.3	917.4	735.8	560.6	410.9	286.7
60°	2573.8	2354.0	2121.5	1866.7	1554.5	1277.4	1025.7	828.2	621.2	452.3	321.7
57.5°	2943.3	2704.4	2430.5	2086.4	1742.4	1427.1	1149.9	911.0	675.3	490.6	347.2
55°	3344.7	3070.7	2771.3	2315.8	1927.2	1576.8	1274.2	993.8	732.6	522.4	372.7
52.5°	3777.9	3459.4	3080.3	2557.9	2121.5	1729.7	1388.8	1067.1	786.8	557.4	395.0
50°	4262.1	3860.7	3351.1	2780.9	2290.3	1873.0	1503.5	1146.7	831.4	595.7	414.1
47.5°	4765.4	4332.2	3593.1	2987.9	2462.3	2013.2	1621.4	1216.8	876.0	627.5	433.2
45°	5291.0	4660.3	3844.8	3172.7	2612.0	2140.6	1710.6	1280.5	930.1	656.2	449.1
42.5°	5810.2	4908.7	4064.6	3357.4	2752.2	2255.3	1783.8	1341.1	974.7	684.9	465.1
40°	6055.5	5096.7	4239.8	3484.8	2870.1	2357.2	1847.5	1395.2	1013.0	704.0	481.0
37.5°	6157.4	5211.3	4354.5	3605.9	2962.4	2411.4	1901.7	1443.0	1044.8	723.1	493.7
35°	6179.7	5252.8	4411.8	3688.7	3038.9	2462.3	1943.1	1478.0	1070.3	742.2	506.5
32.5°	6138.3	5240.0	4427.7	3717.4	3086.7	2500.6	1971.8	1503.5	1089.4	761.3	519.2
30°	6045.9	5173.1	4370.4	3714.2	3121.7	2522.8	1990.9	1522.6	1108.5	774.1	525.6
27.5°	5896.2	5055.3	4297.1	3717.4	3140.8	2532.4	2000.4	1532.2	1121.3	783.6	538.3
25°	5711.5	4896.0	4300.3	3711.0	3144.0	2535.6	2000.4	1532.2	1124.5	786.8	547.9
22.5°	5498.0	4896.0	4300.3	3701.5	3124.9	2529.2	1990.9	1525.8	1124.5	793.2	557.4
20°	5510.8	4899.2	4290.8	3682.3	3096.2	2510.1	1968.6	1509.9	1114.9	802.7	563.8
17.5°	5520.3	4892.8	4271.6	3656.9	3058.0	2478.3	1939.9	1487.6	1114.9	812.3	567.0
15°	5520.3	4873.7	4243.0	3618.6	3010.2	2433.7	1898.5	1468.5	1118.1	815.5	573.4
12.5°	5510.8	4838.6	4198.4	3567.7	2952.9	2379.5	1873.0	1462.1	1118.1	818.7	573.4
10°	5491.7	4790.9	4141.0	3504.0	2898.7	2360.4	1860.3	1449.4	1111.7	818.7	573.4
7.5°	5456.6	4733.5	4093.3	3465.7	2866.9	2338.1	1841.2	1430.3	1102.2	812.3	579.7
5°	5402.5	4701.7	4055.0	3421.1	2822.3	2322.2	1828.4	1414.3	1095.8	812.3	573.4
2.5°	5332.4	4663.4	4010.4	3363.8	2771.3	2268.0	1787.0	1379.3	1073.5	799.5	567.0
0°	5217.7	4587.0	3934.0	3284.2	2701.2	2213.9	1745.6	1344.2	1051.2	786.8	560.6
-2.5°	5112.6	4485.1	3835.2	3201.3	2634.3	2166.1	1713.8	1325.1	1041.6	783.6	557.4
-5°	4966.1	4344.9	3704.6	3093.0	2545.1	2118.3	1681.9	1302.8	1032.1	777.2	557.4
-7.5°	4803.6	4198.4	3567.7	2981.5	2456.0	2035.5	1621.4	1267.8	1009.8	764.5	554.3
-10°	4552.0	3978.6	3395.7	2854.1	2360.4	1962.2	1570.4	1235.9	990.7	751.8	541.5
-12.5°	4284.4	3736.5	3198.2	2698.0	2252.1	1885.8	1513.1	1200.9	968.4	739.0	535.1
-15°	4000.9	3488.0	2991.1	2535.6	2134.2	1793.4	1452.5	1162.7	946.1	723.1	525.6
-17.5°	3704.6	3226.8	2777.7	2369.9	2016.4	1697.8	1388.8	1127.6	920.6	707.2	516.0
-20°	3392.5	2959.3	2561.1	2201.1	1892.1	1602.3	1321.9	1086.2	891.9	688.0	503.3



REPORT NUMBER: P722333
 CATALOG NUMBER: IFLD-L-SA8B-940-U-76

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	3083.5	2694.9	2338.1	2035.5	1764.7	1503.5	1255.1	1044.8	860.1	665.8	493.7
-25°	2809.5	2446.4	2140.6	1876.2	1640.5	1408.0	1185.0	1003.4	825.0	643.5	481.0
-27.5°	2542.0	2233.0	1946.3	1726.5	1519.4	1315.6	1118.1	958.8	790.0	618.0	468.3
-30°	2293.5	2029.1	1793.4	1580.0	1404.8	1232.8	1060.7	914.2	751.8	592.5	452.3
-32.5°	2067.3	1853.9	1656.4	1452.5	1296.5	1149.9	1006.6	869.6	713.5	567.0	436.4
-35°	1857.1	1691.5	1519.4	1347.4	1188.2	1073.5	949.3	821.8	678.5	538.3	420.5
-37.5°	1669.2	1535.4	1398.4	1251.9	1114.9	1000.2	895.1	774.1	643.5	512.9	404.5
-40°	1506.7	1398.4	1277.4	1159.5	1044.8	936.5	840.9	726.3	608.4	493.7	388.6
-42.5°	1357.0	1274.2	1175.4	1076.7	974.7	879.2	786.8	675.3	573.4	471.4	372.7
-45°	1242.3	1159.5	1079.9	990.7	904.7	821.8	729.5	630.7	541.5	446.0	356.8
-47.5°	1134.0	1060.7	987.5	914.2	844.1	767.7	675.3	592.5	506.5	423.7	344.0
-50°	1038.4	968.4	904.7	840.9	780.4	707.2	621.2	554.3	477.8	401.4	328.1
-52.5°	949.3	888.7	825.0	774.1	723.1	649.8	579.7	516.0	449.1	375.9	312.2
-55°	869.6	812.3	754.9	707.2	659.4	595.7	538.3	484.2	420.5	356.8	296.2
-57.5°	793.2	745.4	691.2	646.6	598.9	547.9	500.1	449.1	391.8	337.7	280.3
-60°	723.1	678.5	630.7	586.1	544.7	503.3	458.7	417.3	366.3	315.4	264.4
-62.5°	653.0	614.8	573.4	528.8	496.9	458.7	423.7	382.2	340.8	296.2	235.7
-65°	589.3	554.3	516.0	477.8	449.1	420.5	388.6	350.4	315.4	273.9	210.2
-67.5°	525.6	493.7	461.9	430.0	404.5	382.2	350.4	321.7	293.1	248.5	184.8
-70°	465.1	439.6	410.9	385.4	366.3	340.8	318.5	293.1	267.6	216.6	156.1
-72.5°	407.7	382.2	360.0	340.8	324.9	302.6	283.5	264.4	229.3	181.6	130.6
-75°	340.8	324.9	312.2	296.2	280.3	264.4	248.5	226.2	191.1	146.5	101.9
-77.5°	280.3	270.8	261.2	248.5	235.7	223.0	203.9	181.6	152.9	114.7	82.8
-80°	229.3	219.8	213.4	200.7	191.1	178.4	159.3	140.2	111.5	89.2	66.9
-82.5°	175.2	168.8	162.5	156.1	146.5	133.8	114.7	98.7	82.8	66.9	51.0
-85°	124.2	121.0	114.7	108.3	98.7	89.2	76.4	66.9	57.3	44.6	35.0
-87.5°	63.7	60.5	57.3	54.2	51.0	44.6	38.2	31.9	28.7	22.3	15.9
-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: P722333
 CATALOG NUMBER: IFLD-L-SA8B-940-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	12.7	9.6	3.2	0.0
85°	25.5	15.9	6.4	0.0
82.5°	38.2	25.5	9.6	0.0
80°	51.0	31.9	15.9	0.0
77.5°	63.7	38.2	19.1	0.0
75°	76.4	47.8	22.3	0.0
72.5°	86.0	54.2	25.5	0.0
70°	101.9	63.7	28.7	0.0
67.5°	127.4	70.1	31.9	0.0
65°	149.7	76.4	35.0	0.0
62.5°	175.2	82.8	38.2	0.0
60°	197.5	89.2	41.4	0.0
57.5°	219.8	105.1	44.6	0.0
55°	238.9	117.9	47.8	0.0
52.5°	261.2	130.6	51.0	0.0
50°	280.3	143.3	54.2	0.0
47.5°	296.2	156.1	54.2	0.0
45°	309.0	165.6	57.3	0.0
42.5°	318.5	175.2	60.5	0.0
40°	328.1	184.8	63.7	0.0
37.5°	337.7	194.3	63.7	0.0
35°	347.2	203.9	66.9	0.0
32.5°	356.8	213.4	66.9	0.0
30°	363.1	219.8	70.1	0.0
27.5°	372.7	226.2	70.1	0.0
25°	375.9	232.5	73.3	0.0
22.5°	382.2	235.7	73.3	0.0
20°	388.6	242.1	73.3	0.0
17.5°	391.8	245.3	76.4	0.0
15°	391.8	248.5	79.6	0.0
12.5°	395.0	251.6	79.6	0.0
10°	395.0	258.0	76.4	0.0
7.5°	401.4	254.8	76.4	0.0
5°	398.2	254.8	76.4	0.0
2.5°	395.0	251.6	76.4	0.0
0°	391.8	251.6	76.4	0.0
-2.5°	391.8	251.6	76.4	0.0
-5°	391.8	251.6	76.4	0.0
-7.5°	388.6	254.8	76.4	0.0
-10°	382.2	254.8	76.4	0.0
-12.5°	379.1	245.3	76.4	0.0
-15°	375.9	242.1	76.4	0.0
-17.5°	369.5	238.9	73.3	0.0
-20°	363.1	235.7	73.3	0.0



REPORT NUMBER: P722333

CATALOG NUMBER: IFLD-L-SA8B-940-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	356.8	229.3	73.3	0.0
-25°	350.4	223.0	70.1	0.0
-27.5°	344.0	216.6	70.1	0.0
-30°	334.5	210.2	66.9	0.0
-32.5°	324.9	203.9	66.9	0.0
-35°	318.5	194.3	63.7	0.0
-37.5°	309.0	184.8	63.7	0.0
-40°	299.4	175.2	60.5	0.0
-42.5°	289.9	165.6	57.3	0.0
-45°	277.1	156.1	57.3	0.0
-47.5°	267.6	146.5	54.2	0.0
-50°	251.6	133.8	51.0	0.0
-52.5°	232.5	121.0	47.8	0.0
-55°	213.4	111.5	44.6	0.0
-57.5°	194.3	98.7	44.6	0.0
-60°	175.2	86.0	41.4	0.0
-62.5°	156.1	79.6	38.2	0.0
-65°	137.0	73.3	35.0	0.0
-67.5°	114.7	63.7	31.9	0.0
-70°	95.6	57.3	28.7	0.0
-72.5°	82.8	51.0	25.5	0.0
-75°	70.1	44.6	22.3	0.0
-77.5°	60.5	38.2	19.1	0.0
-80°	47.8	28.7	12.7	0.0
-82.5°	35.0	22.3	9.6	0.0
-85°	22.3	15.9	6.4	0.0
-87.5°	12.7	6.4	3.2	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)