

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: P722390

Luminaire Tested: **IFLD-L-SA8A-722-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722390
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA8A-722-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (128) 2200K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

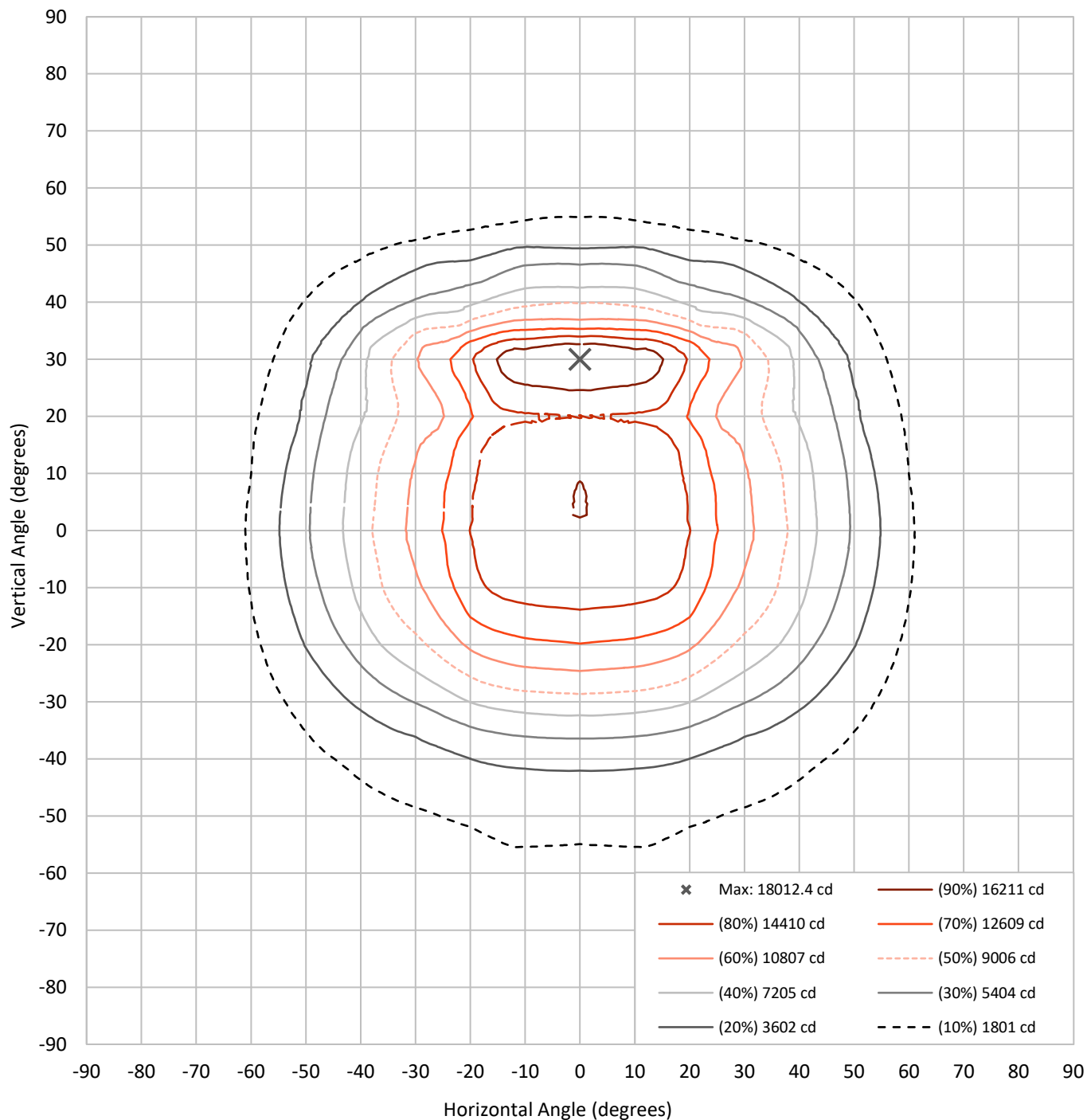
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	25801.6 lumens	Max Intensity:	18012.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	104.1 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	68.6°H x 68.4°V	Field Angle (10%):	111.9°H x 109.7°V
Beam Lumens:	16460.3 lumens	Field Lumens:	24325.1 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%
Input Watts (W):	247.8		
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: P722390

CATALOG NUMBER: IFLD-L-SA8A-722-U-76-VI

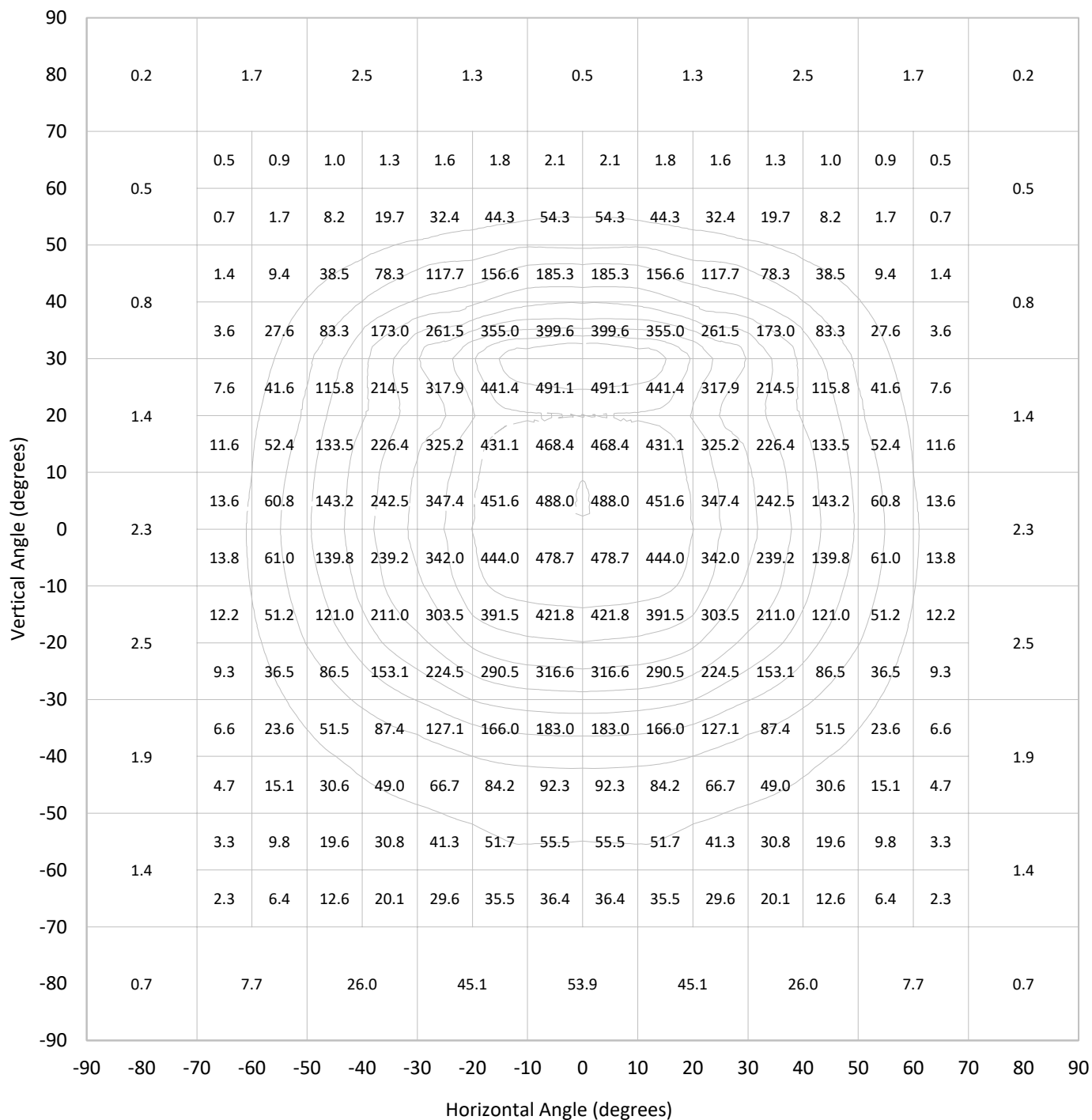
Iso-Candela Plot



REPORT NUMBER: P722390

CATALOG NUMBER: IFLD-L-SA8A-722-U-76-VI

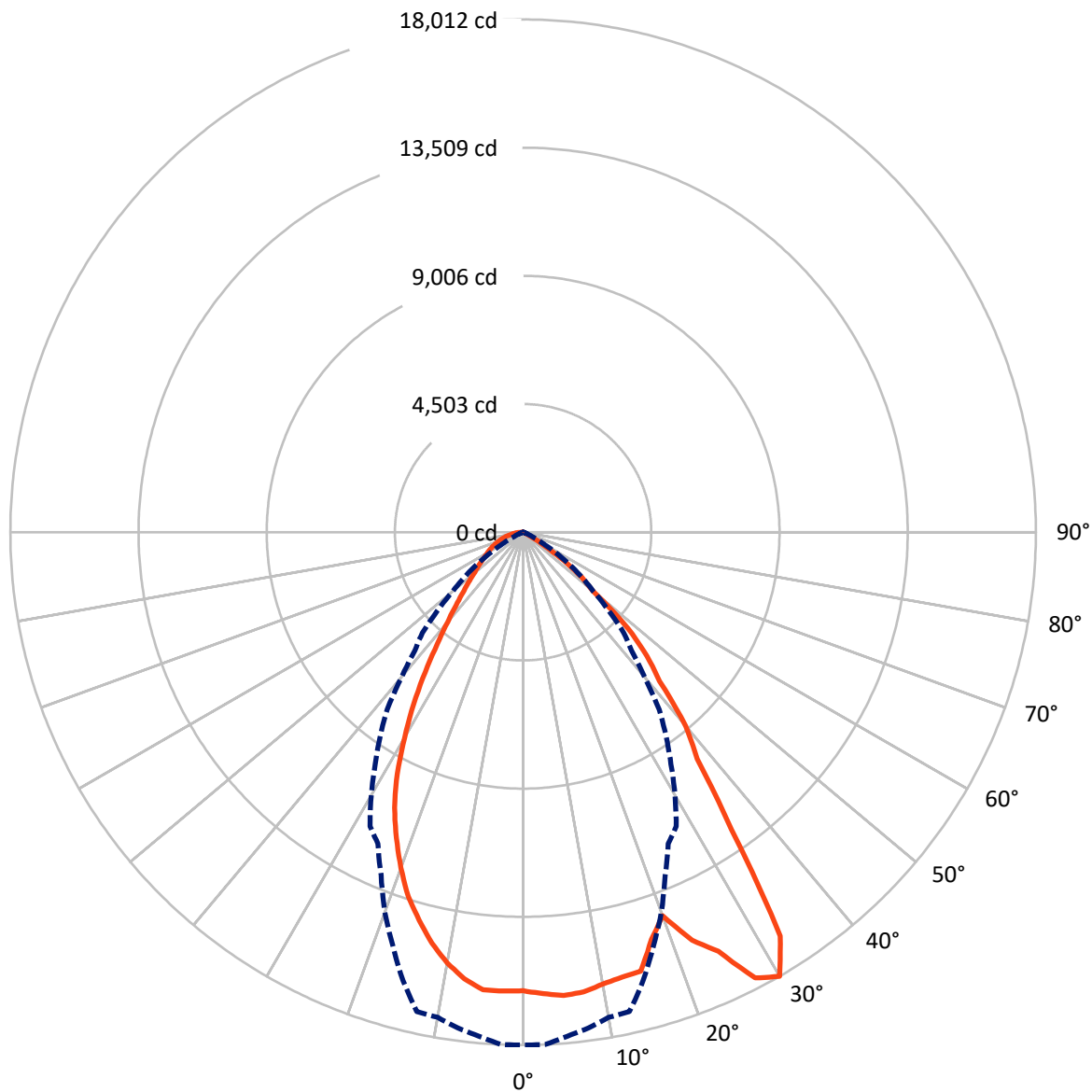
Lumen Table



REPORT NUMBER: P722390

CATALOG NUMBER: IFLD-L-SA8A-722-U-76-VI

Luminous Intensity Polar Plot



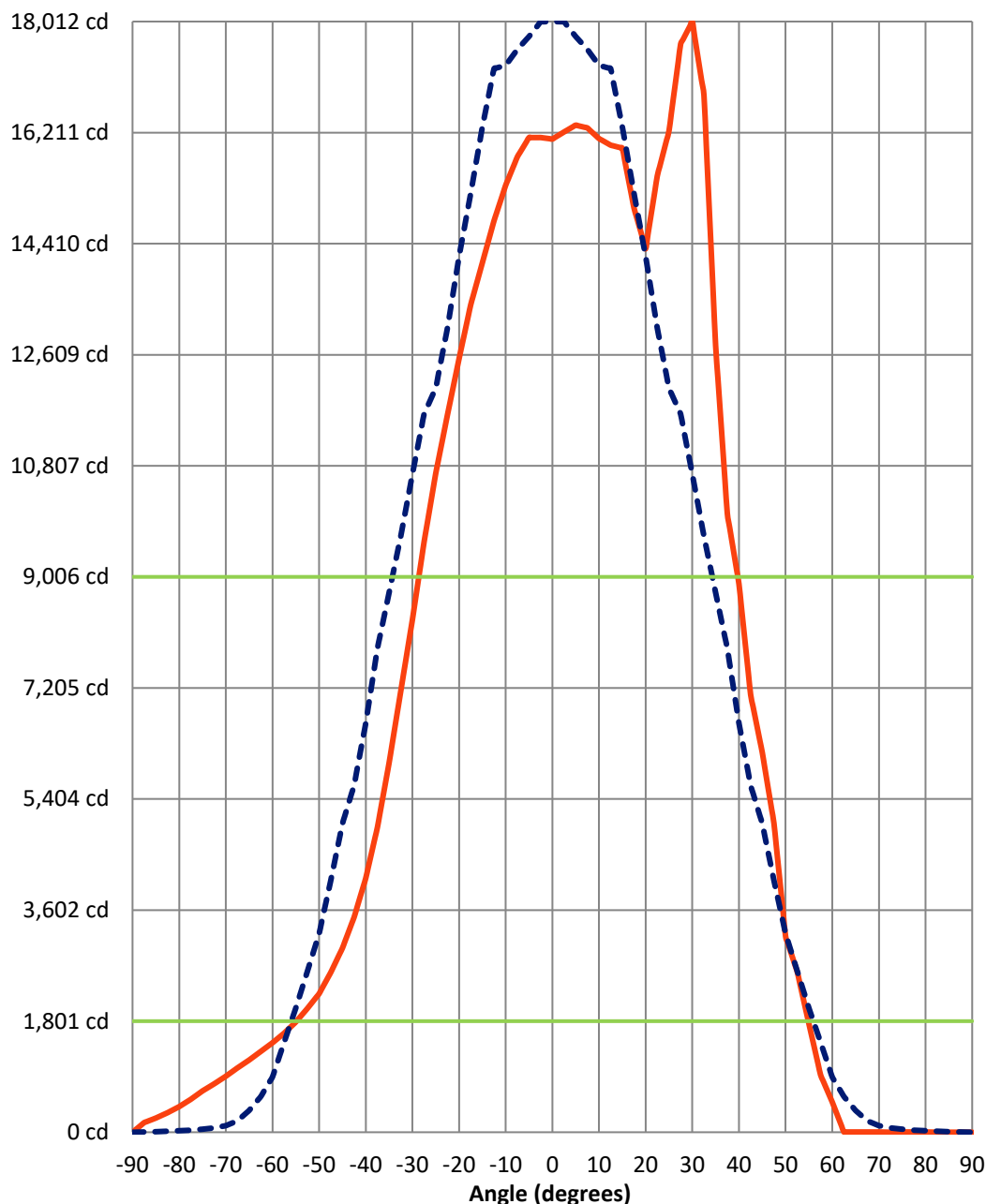
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

REPORT NUMBER: P722390

CATALOG NUMBER: IFLD-L-SA8A-722-U-76-VI

Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 16460.3

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 24325.1

Efficiency: 94.3%

Spill:

Lumens: 1476.5

Efficiency: 5.7%

— Vertical Distribution through 0-Deg

- - - Horizontal Distribution through 30-Deg

REPORT NUMBER: P722390

CATALOG NUMBER: IFLD-L-SA8A-722-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	4.1	4.1	4.1	4.1	4.1	4.1	4.1
85°	0.0	4.1	4.1	4.1	8.2	8.2	8.2	8.2	8.2	8.2	12.3
82.5°	0.0	4.1	4.1	4.1	8.2	8.2	8.2	8.2	12.3	12.3	16.4
80°	4.1	4.1	4.1	4.1	8.2	8.2	8.2	12.3	12.3	16.4	16.4
77.5°	4.1	4.1	4.1	8.2	8.2	8.2	12.3	12.3	16.4	16.4	20.5
75°	4.1	4.1	4.1	8.2	8.2	12.3	12.3	12.3	16.4	16.4	20.5
72.5°	0.0	4.1	4.1	8.2	8.2	12.3	12.3	12.3	16.4	16.4	16.4
70°	4.1	4.1	4.1	8.2	8.2	12.3	12.3	12.3	16.4	16.4	16.4
67.5°	4.1	4.1	4.1	8.2	8.2	12.3	12.3	16.4	16.4	16.4	20.5
65°	4.1	4.1	4.1	8.2	12.3	12.3	16.4	20.5	20.5	24.6	28.8
62.5°	4.1	8.2	8.2	12.3	16.4	20.5	45.2	69.8	69.8	49.3	41.1
60°	488.8	529.9	525.8	476.5	414.9	349.2	336.8	324.5	299.9	262.9	275.2
57.5°	928.3	977.6	998.2	985.9	953.0	895.5	862.6	825.7	776.4	718.9	653.1
55°	1758.1	1778.6	1733.5	1647.2	1552.7	1458.2	1425.4	1376.1	1302.2	1228.2	1129.6
52.5°	2600.2	2670.0	2649.5	2563.2	2435.9	2267.5	2082.6	1938.8	1852.6	1770.4	1671.8
50°	3175.3	3204.0	3261.5	3364.2	3401.2	3286.2	2986.3	2600.2	2325.0	2464.6	2357.8
47.5°	5011.4	5155.2	5126.4	5052.5	4929.3	4617.1	4198.1	3853.1	3565.5	3471.0	3487.5
45°	6157.5	6215.0	6194.5	6161.6	6104.1	5812.4	5348.3	4818.4	4551.4	4444.6	4333.7
42.5°	7098.2	7159.8	7172.1	7176.2	7114.6	6847.6	6428.6	5898.7	5631.7	5323.6	5081.3
40°	8893.2	8983.6	8880.9	8745.4	8540.0	8236.0	7825.2	7336.4	6864.0	6486.1	6198.6
37.5°	10039.3	10150.2	10191.3	10183.1	10137.9	10006.4	9501.2	9037.0	8314.0	7467.9	7619.8
35°	12758.6	12873.6	12840.8	12717.5	12651.8	12512.2	12019.2	11468.8	10561.0	9640.8	9394.4
32.5°	16812.9	17063.5	16595.2	16081.8	15765.5	15876.4	15375.2	14027.9	13608.9	11949.4	11181.2
30°	18012.4	18008.3	17770.0	17560.6	17301.8	17248.4	16303.6	15227.4	14200.4	13037.9	12068.5
27.5°	17646.8	17572.9	17371.6	17219.6	16977.3	16849.9	15925.7	15071.3	13884.1	12844.9	11908.3
25°	16237.9	16295.4	16090.0	16061.2	15966.8	15720.3	15260.2	14299.0	13239.2	12089.1	11415.4
22.5°	15510.8	15490.3	15243.8	15100.0	15215.0	14952.1	14767.3	13797.9	12692.9	11723.5	10914.2
20°	14327.8	14331.9	14270.3	14257.9	14188.1	14069.0	13921.1	13235.1	12454.6	11624.9	10651.3
17.5°	14989.1	15157.5	15231.5	14619.4	14791.9	14656.4	14500.3	13543.2	12955.8	12220.5	10951.2
15°	15958.5	15896.9	15823.0	15790.1	15695.6	15568.3	15284.9	14520.8	13510.3	12750.4	11760.4
12.5°	16007.8	15888.7	15860.0	15855.8	15757.3	15580.6	15305.4	14672.8	13777.3	12853.1	12048.0
10°	16114.6	15991.4	15975.0	15995.5	15843.5	15732.6	15457.4	14870.0	13859.5	13029.7	12269.8
7.5°	16287.2	16081.8	16176.2	16114.6	16044.8	15868.2	15572.4	14997.3	14159.4	13263.9	12467.0
5°	16332.3	16106.4	16209.1	16151.6	16048.9	15876.4	15556.0	15079.5	14344.2	13358.3	12545.0
2.5°	16221.4	16155.7	16110.5	16003.7	15958.5	15769.6	15465.6	14956.3	14257.9	13317.3	12528.6
0°	16106.4	16163.9	16061.2	15954.4	15933.9	15781.9	15523.1	15063.1	14459.2	13432.3	12668.2
-2.5°	16131.1	16085.9	16016.0	15905.1	15798.3	15580.6	15346.5	14915.2	14266.2	13181.7	12471.1
-5°	16131.1	15921.6	15929.8	15933.9	15827.1	15601.2	15317.7	14952.1	14151.1	13177.6	12413.6
-7.5°	15818.9	15638.1	15609.4	15584.7	15556.0	15346.5	15124.7	14668.7	13958.1	13070.8	12253.4
-10°	15358.8	15182.2	15198.6	15161.6	15071.3	14931.6	14763.2	14352.4	13769.1	12734.0	11928.9
-12.5°	14783.7	14705.7	14660.5	14598.9	14508.5	14385.3	14212.8	13826.6	13202.3	12319.1	11555.1
-15°	14101.8	14044.3	14003.3	13966.3	13834.8	13707.5	13481.6	13124.2	12734.0	11785.1	11004.6
-17.5°	13420.0	13276.2	13218.7	13169.4	13083.1	12877.7	12672.4	12405.4	11859.0	11107.3	10437.7
-20°	12545.0	12458.8	12388.9	12323.2	12200.0	12039.8	11871.3	11563.3	11090.9	10482.9	9788.7



REPORT NUMBER: P722390

CATALOG NUMBER: IFLD-L-SA8A-722-U-76-VI

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	11629.0	11579.7	11522.2	11440.0	11357.9	11205.9	10971.8	10676.0	10306.3	9649.1	9000.0
-25°	10684.2	10589.7	10519.9	10441.9	10376.1	10236.5	10010.5	9727.1	9262.9	8696.1	8153.8
-27.5°	9571.0	9480.6	9443.7	9353.3	9295.8	9168.5	8942.5	8679.6	8260.6	7784.2	7233.7
-30°	8314.0	8330.5	8289.4	8203.1	8133.3	7969.0	7796.5	7574.7	7246.0	6790.1	6297.2
-32.5°	7151.6	7172.1	7122.8	7032.4	6942.1	6822.9	6662.7	6461.5	6215.0	5779.6	5352.4
-35°	5989.1	5980.9	5939.8	5886.4	5824.8	5726.2	5545.4	5393.5	5110.0	4806.0	4510.3
-37.5°	4945.7	4966.2	4953.9	4925.2	4855.3	4773.2	4625.3	4485.6	4276.1	4009.1	3779.1
-40°	4120.1	4144.7	4128.3	4099.5	4037.9	3988.6	3890.0	3766.8	3598.4	3368.3	3175.3
-42.5°	3487.5	3503.9	3483.4	3458.7	3405.3	3368.3	3290.3	3187.6	3047.9	2871.3	2698.8
-45°	2986.3	2990.4	2969.9	2953.5	2912.4	2867.2	2801.5	2719.3	2608.4	2485.2	2345.5
-47.5°	2592.0	2587.9	2567.3	2550.9	2518.0	2477.0	2423.6	2349.6	2263.4	2168.9	2058.0
-50°	2246.9	2267.5	2259.3	2242.8	2218.2	2189.4	2136.0	2058.0	1971.7	1901.9	1823.8
-52.5°	2008.7	2012.8	2008.7	2008.7	2004.6	1984.0	1922.4	1844.4	1749.9	1688.3	1622.6
-55°	1786.9	1807.4	1815.6	1823.8	1827.9	1827.9	1754.0	1671.8	1581.5	1519.9	1470.6
-57.5°	1606.1	1618.4	1626.7	1647.2	1663.6	1676.0	1610.2	1536.3	1466.5	1409.0	1363.8
-60°	1450.0	1466.5	1478.8	1499.3	1511.6	1519.9	1478.8	1429.5	1388.4	1351.4	1285.7
-62.5°	1310.4	1322.7	1335.0	1347.3	1359.7	1367.9	1351.4	1326.8	1306.3	1289.8	1207.7
-65°	1170.7	1183.0	1195.4	1211.8	1224.1	1232.3	1228.2	1211.8	1195.4	1178.9	1105.0
-67.5°	1043.4	1055.7	1072.1	1076.2	1084.4	1088.5	1080.3	1068.0	1047.5	1026.9	969.4
-70°	907.8	916.0	924.2	924.2	924.2	920.1	911.9	895.5	874.9	846.2	801.0
-72.5°	784.6	792.8	801.0	788.7	780.5	768.1	755.8	735.3	714.7	694.2	669.6
-75°	669.6	673.7	673.7	657.2	644.9	632.6	616.2	603.8	583.3	566.9	546.3
-77.5°	534.0	534.0	534.0	521.7	513.5	505.3	492.9	480.6	464.2	451.9	435.4
-80°	414.9	414.9	414.9	410.8	398.5	390.2	382.0	373.8	361.5	353.3	345.0
-82.5°	316.3	316.3	316.3	312.2	304.0	299.9	291.6	283.4	279.3	271.1	267.0
-85°	230.0	234.1	234.1	230.0	225.9	217.7	213.6	209.5	205.4	201.3	193.1
-87.5°	156.1	156.1	156.1	152.0	147.9	147.9	143.8	135.6	127.3	123.2	119.1
-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: P722390

CATALOG NUMBER: IFLD-L-SA8A-722-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°	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
85°	12.3	12.3	12.3	16.4	16.4	16.4	16.4	16.4	16.4	16.4	12.3
82.5°	20.5	20.5	24.6	24.6	28.8	28.8	28.8	28.8	28.8	28.8	28.8
80°	20.5	24.6	28.8	32.9	37.0	41.1	41.1	41.1	41.1	37.0	37.0
77.5°	24.6	24.6	28.8	32.9	37.0	41.1	45.2	49.3	45.2	45.2	45.2
75°	24.6	28.8	28.8	32.9	37.0	41.1	45.2	49.3	49.3	49.3	49.3
72.5°	20.5	24.6	28.8	32.9	32.9	37.0	41.1	41.1	45.2	45.2	49.3
70°	20.5	24.6	28.8	28.8	32.9	32.9	37.0	41.1	41.1	45.2	45.2
67.5°	24.6	28.8	28.8	32.9	37.0	37.0	37.0	41.1	41.1	45.2	45.2
65°	28.8	32.9	32.9	37.0	41.1	41.1	45.2	45.2	45.2	49.3	49.3
62.5°	49.3	49.3	49.3	45.2	49.3	49.3	49.3	53.4	53.4	49.3	53.4
60°	254.7	184.8	127.3	160.2	143.8	65.7	65.7	65.7	61.6	61.6	57.5
57.5°	599.7	558.7	480.6	406.7	365.6	324.5	201.3	82.2	82.2	73.9	65.7
55°	1002.3	866.7	809.2	710.6	603.8	554.5	460.1	312.2	147.9	98.6	86.3
52.5°	1552.7	1425.4	1277.5	1076.2	932.5	817.4	739.4	587.4	394.3	209.5	131.4
50°	2078.5	2021.0	1930.6	1733.5	1433.6	1240.5	1113.2	940.7	706.5	431.3	246.5
47.5°	3347.8	2867.2	2575.5	2423.6	2173.0	1807.4	1560.9	1367.9	1084.4	727.1	435.4
45°	4214.5	3910.6	3446.4	3126.0	2756.3	2370.2	2049.8	1827.9	1491.1	1088.5	681.9
42.5°	4958.0	4695.1	4276.1	3807.9	3417.6	2912.4	2501.6	2210.0	1926.5	1487.0	1018.7
40°	5915.1	5602.9	5200.4	4744.4	4288.5	3643.6	2978.1	2624.8	2312.7	1922.4	1376.1
37.5°	7492.5	6942.1	6284.8	5779.6	5184.0	4637.6	3725.7	3101.3	2731.6	2325.0	1795.1
35°	9390.3	8786.4	7689.7	7020.1	6223.2	5409.9	4588.3	3664.1	3138.3	2707.0	2181.2
32.5°	11156.6	10273.4	8868.6	8084.0	7554.1	6054.8	5204.5	4403.5	3557.3	3027.4	2403.0
30°	11645.4	10671.9	9665.5	8749.5	7845.8	6634.0	5627.6	5003.2	4083.1	3220.5	2612.5
27.5°	11152.5	10482.9	9702.5	8852.2	7874.5	6835.3	5886.4	5290.8	4469.2	3351.9	2776.8
25°	10651.3	9953.0	9406.7	8696.1	7792.4	6822.9	5894.6	5471.5	4769.1	3606.6	2867.2
22.5°	10121.5	9686.0	9234.2	8441.4	7587.0	6859.9	6161.6	5627.6	4925.2	3894.1	2904.2
20°	10150.2	9866.8	9369.7	8309.9	7550.0	7077.6	6482.0	5824.8	5093.6	4144.7	2932.9
17.5°	10610.3	10240.6	9616.2	8696.1	7882.7	7299.4	6749.0	6095.9	5266.1	4366.5	3282.1
15°	11177.1	10614.4	9961.3	9152.0	8231.9	7541.8	6954.4	6284.8	5463.3	4571.9	3594.3
12.5°	11587.9	10786.9	10174.9	9443.7	8609.8	7804.7	7089.9	6428.6	5648.1	4740.3	3828.4
10°	11727.6	11000.5	10277.5	9624.4	8802.9	7944.4	7192.6	6519.0	5808.3	4871.8	4000.9
7.5°	11801.5	11185.4	10347.4	9706.6	8917.9	8030.6	7274.8	6568.3	5935.7	4962.1	4111.8
5°	11793.3	11283.9	10400.8	9731.2	8979.5	8067.6	7332.3	6580.6	6026.0	5040.2	4177.6
2.5°	11756.3	11349.7	10487.0	9772.3	9102.7	8137.4	7443.2	6605.2	6058.9	5126.4	4222.7
0°	11891.9	11353.8	10577.4	9784.6	9184.9	8162.1	7492.5	6584.7	6013.7	5151.1	4218.6
-2.5°	11600.2	11111.4	10556.9	9677.8	9074.0	8104.6	7402.1	6519.0	5915.1	5122.3	4202.2
-5°	11550.9	10934.8	10384.3	9579.2	8889.1	7985.4	7233.7	6395.7	5759.0	5027.9	4136.5
-7.5°	11419.5	10766.4	10215.9	9501.2	8716.6	7862.2	7073.5	6268.4	5590.6	4880.0	4042.0
-10°	11132.0	10507.6	10035.2	9332.8	8507.1	7685.6	6880.5	6100.0	5393.5	4678.7	3894.1
-12.5°	10721.2	10096.8	9628.5	8975.4	8244.2	7447.3	6650.4	5882.3	5167.5	4465.1	3717.5
-15°	10257.0	9624.4	9156.1	8560.5	7854.0	7077.6	6358.8	5607.1	4908.7	4239.2	3508.0
-17.5°	9731.2	9131.5	8679.6	8100.4	7398.0	6658.6	5943.9	5262.0	4608.9	4005.0	3265.6
-20°	9123.3	8540.0	8125.1	7545.9	6901.0	6182.1	5487.9	4843.0	4255.6	3688.7	2998.6

REPORT NUMBER: P722390

CATALOG NUMBER: IFLD-L-SA8A-722-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°	8371.6	7858.1	7385.7	6868.1	6305.4	5648.1	5003.2	4432.2	3869.5	3314.9	2723.4
-25°	7603.4	7106.4	6646.3	6173.9	5635.8	5068.9	4518.5	4000.9	3450.5	2949.4	2456.4
-27.5°	6749.0	6305.4	5894.6	5459.2	4966.2	4477.4	4025.6	3520.3	3043.8	2616.6	2193.5
-30°	5837.1	5475.6	5118.2	4732.1	4333.7	3922.9	3520.3	3043.8	2670.0	2329.1	1971.7
-32.5°	4962.1	4637.6	4350.1	4062.5	3717.5	3380.7	3023.3	2670.0	2357.8	2058.0	1758.1
-35°	4194.0	3848.9	3688.7	3458.7	3183.5	2879.5	2587.9	2341.4	2090.8	1819.7	1552.7
-37.5°	3528.5	3306.7	3117.8	2945.2	2727.5	2464.6	2255.1	2053.9	1844.4	1597.9	1367.9
-40°	3006.9	2846.7	2657.7	2530.4	2353.7	2164.8	1955.3	1786.9	1610.2	1409.0	1220.0
-42.5°	2587.9	2456.4	2333.2	2197.6	2066.2	1906.0	1725.2	1565.0	1404.8	1257.0	1100.9
-45°	2242.8	2148.3	2049.8	1938.8	1823.8	1684.2	1536.3	1372.0	1257.0	1125.5	994.1
-47.5°	1959.4	1889.6	1807.4	1721.1	1622.6	1499.3	1363.8	1244.6	1125.5	1014.6	887.3
-50°	1733.5	1667.7	1602.0	1528.1	1441.8	1335.0	1232.3	1121.4	1010.5	903.7	784.6
-52.5°	1544.5	1487.0	1433.6	1372.0	1289.8	1199.5	1105.0	1006.4	903.7	796.9	702.4
-55°	1413.1	1347.3	1293.9	1232.3	1158.4	1072.1	985.9	895.5	796.9	714.7	636.7
-57.5°	1306.3	1232.3	1170.7	1105.0	1031.0	957.1	879.1	796.9	723.0	644.9	571.0
-60°	1215.9	1129.6	1059.8	994.1	924.2	854.4	788.7	718.9	649.0	579.2	505.3
-62.5°	1121.4	1031.0	944.8	883.2	829.8	768.1	710.6	644.9	583.3	513.5	460.1
-65°	1014.6	928.3	846.2	792.8	743.5	690.1	636.7	579.2	525.8	472.4	423.1
-67.5°	895.5	821.5	764.0	714.7	665.5	620.3	571.0	521.7	476.5	423.1	373.8
-70°	751.7	710.6	677.8	640.8	595.6	554.5	509.4	464.2	414.9	369.7	324.5
-72.5°	640.8	616.2	591.5	554.5	513.5	476.5	439.5	398.5	357.4	316.3	279.3
-75°	525.8	505.3	484.7	460.1	427.2	398.5	365.6	328.6	295.8	267.0	238.2
-77.5°	423.1	406.7	394.3	373.8	349.2	324.5	304.0	279.3	254.7	225.9	197.2
-80°	336.8	328.6	324.5	316.3	295.8	275.2	258.8	238.2	213.6	193.1	172.5
-82.5°	262.9	262.9	258.8	254.7	238.2	221.8	209.5	193.1	176.6	160.2	139.7
-85°	193.1	189.0	189.0	184.8	172.5	164.3	152.0	143.8	131.4	115.0	106.8
-87.5°	115.0	110.9	106.8	102.7	94.5	90.4	82.2	78.0	69.8	61.6	57.5
-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: P722390

CATALOG NUMBER: IFLD-L-SA8A-722-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°	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	0.0	0.0
85°	12.3	8.2	8.2	8.2	8.2	8.2	4.1	4.1	4.1	4.1	4.1
82.5°	24.6	24.6	20.5	20.5	16.4	12.3	8.2	8.2	8.2	4.1	4.1
80°	37.0	37.0	37.0	32.9	28.8	20.5	16.4	12.3	8.2	4.1	4.1
77.5°	45.2	41.1	41.1	37.0	37.0	32.9	24.6	20.5	12.3	8.2	4.1
75°	45.2	45.2	45.2	41.1	41.1	37.0	32.9	24.6	20.5	12.3	8.2
72.5°	49.3	45.2	45.2	45.2	41.1	37.0	32.9	28.8	24.6	16.4	8.2
70°	45.2	45.2	45.2	45.2	41.1	41.1	32.9	28.8	28.8	16.4	12.3
67.5°	45.2	45.2	45.2	41.1	41.1	37.0	32.9	28.8	28.8	20.5	12.3
65°	49.3	45.2	45.2	45.2	41.1	37.0	32.9	28.8	28.8	24.6	16.4
62.5°	53.4	49.3	49.3	45.2	41.1	37.0	32.9	28.8	28.8	24.6	16.4
60°	57.5	53.4	49.3	49.3	45.2	41.1	32.9	32.9	28.8	24.6	16.4
57.5°	61.6	57.5	57.5	53.4	49.3	45.2	37.0	32.9	28.8	24.6	20.5
55°	73.9	65.7	61.6	61.6	57.5	49.3	41.1	32.9	28.8	24.6	20.5
52.5°	98.6	78.0	69.8	69.8	65.7	57.5	45.2	37.0	28.8	24.6	20.5
50°	156.1	98.6	82.2	73.9	73.9	65.7	53.4	41.1	28.8	24.6	20.5
47.5°	246.5	164.3	98.6	86.3	82.2	78.0	61.6	41.1	32.9	24.6	20.5
45°	406.7	242.4	160.2	102.7	86.3	82.2	69.8	45.2	32.9	28.8	20.5
42.5°	558.7	377.9	246.5	123.2	102.7	90.4	73.9	49.3	37.0	28.8	20.5
40°	879.1	517.6	345.0	201.3	119.1	94.5	82.2	57.5	37.0	28.8	20.5
37.5°	1191.2	686.0	464.2	295.8	135.6	106.8	86.3	61.6	41.1	28.8	24.6
35°	1503.4	961.2	575.1	394.3	180.7	127.3	90.4	65.7	41.1	28.8	24.6
32.5°	1782.8	1220.0	690.1	492.9	271.1	152.0	98.6	69.8	45.2	32.9	24.6
30°	2012.8	1458.2	895.5	579.2	353.3	184.8	106.8	69.8	49.3	32.9	24.6
27.5°	2185.3	1643.1	1105.0	669.6	423.1	217.7	123.2	78.0	49.3	32.9	24.6
25°	2325.0	1786.9	1289.8	764.0	484.7	271.1	147.9	82.2	53.4	37.0	24.6
22.5°	2435.9	1906.0	1441.8	891.4	558.7	324.5	180.7	90.4	53.4	37.0	24.6
20°	2587.9	2025.1	1544.5	1026.9	636.7	373.8	209.5	98.6	53.4	37.0	28.8
17.5°	2719.3	2144.2	1626.7	1141.9	714.7	410.8	242.4	106.8	57.5	37.0	28.8
15°	2871.3	2259.3	1700.6	1232.3	788.7	443.6	271.1	115.0	57.5	41.1	28.8
12.5°	3035.6	2366.1	1754.0	1306.3	866.7	472.4	295.8	131.4	61.6	41.1	28.8
10°	3204.0	2456.4	1799.2	1359.7	924.2	501.1	312.2	147.9	65.7	41.1	28.8
7.5°	3372.4	2538.6	1856.7	1384.3	948.9	534.0	320.4	164.3	65.7	45.2	28.8
5°	3487.5	2592.0	1938.8	1400.7	961.2	571.0	332.7	184.8	69.8	45.2	28.8
2.5°	3586.1	2624.8	2025.1	1413.1	965.3	591.5	328.6	197.2	73.9	45.2	28.8
0°	3631.2	2624.8	2082.6	1404.8	953.0	612.1	328.6	209.5	73.9	45.2	28.8
-2.5°	3561.4	2698.8	2066.2	1409.0	957.1	612.1	345.0	213.6	82.2	49.3	28.8
-5°	3450.5	2727.5	2016.9	1388.4	948.9	612.1	365.6	217.7	86.3	49.3	32.9
-7.5°	3343.7	2739.9	1959.4	1367.9	936.6	595.6	369.7	213.6	94.5	53.4	32.9
-10°	3204.0	2604.3	1885.4	1330.9	911.9	583.3	377.9	213.6	98.6	53.4	32.9
-12.5°	3043.8	2440.0	1795.1	1277.5	883.2	571.0	382.0	213.6	102.7	57.5	32.9
-15°	2859.0	2271.6	1692.4	1220.0	842.1	554.5	373.8	209.5	106.8	57.5	37.0
-17.5°	2649.5	2107.3	1585.6	1150.2	796.9	534.0	357.4	205.4	106.8	57.5	37.0
-20°	2411.2	1943.0	1466.5	1080.3	743.5	509.4	340.9	197.2	106.8	57.5	37.0



REPORT NUMBER: P722390

CATALOG NUMBER: IFLD-L-SA8A-722-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	2197.6	1791.0	1343.2	1002.3	686.0	480.6	320.4	189.0	106.8	61.6	37.0
-25°	2021.0	1643.1	1248.8	924.2	624.4	447.7	299.9	180.7	106.8	61.6	37.0
-27.5°	1836.2	1482.9	1150.2	850.3	583.3	419.0	279.3	172.5	102.7	61.6	37.0
-30°	1647.2	1326.8	1047.5	768.1	542.2	390.2	262.9	160.2	102.7	61.6	37.0
-32.5°	1474.7	1199.5	953.0	686.0	497.0	361.5	246.5	156.1	98.6	61.6	37.0
-35°	1306.3	1084.4	854.4	620.3	447.7	332.7	230.0	152.0	98.6	61.6	37.0
-37.5°	1166.6	977.6	764.0	575.1	419.0	308.1	213.6	143.8	94.5	61.6	37.0
-40°	1051.6	879.1	677.8	525.8	394.3	283.4	197.2	139.7	94.5	61.6	37.0
-42.5°	944.8	784.6	624.4	484.7	369.7	267.0	184.8	135.6	90.4	61.6	37.0
-45°	850.3	702.4	571.0	447.7	340.9	246.5	176.6	127.3	86.3	61.6	41.1
-47.5°	755.8	644.9	521.7	414.9	312.2	221.8	168.4	123.2	82.2	57.5	41.1
-50°	681.9	583.3	480.6	377.9	283.4	213.6	160.2	115.0	82.2	57.5	41.1
-52.5°	616.2	525.8	435.4	340.9	258.8	201.3	152.0	106.8	78.0	57.5	41.1
-55°	554.5	472.4	390.2	304.0	242.4	189.0	139.7	98.6	78.0	57.5	41.1
-57.5°	492.9	423.1	345.0	275.2	221.8	176.6	131.4	98.6	78.0	57.5	41.1
-60°	443.6	377.9	312.2	254.7	205.4	160.2	119.1	94.5	73.9	57.5	41.1
-62.5°	402.6	340.9	283.4	230.0	189.0	143.8	115.0	94.5	73.9	57.5	37.0
-65°	361.5	308.1	254.7	209.5	168.4	135.6	110.9	90.4	73.9	57.5	37.0
-67.5°	320.4	271.1	230.0	184.8	156.1	131.4	106.8	90.4	69.8	53.4	37.0
-70°	279.3	238.2	201.3	172.5	147.9	123.2	102.7	86.3	69.8	49.3	32.9
-72.5°	246.5	209.5	180.7	160.2	139.7	119.1	98.6	82.2	65.7	45.2	28.8
-75°	209.5	184.8	164.3	143.8	127.3	110.9	94.5	73.9	57.5	41.1	28.8
-77.5°	176.6	160.2	143.8	131.4	115.0	98.6	82.2	65.7	53.4	37.0	24.6
-80°	152.0	139.7	127.3	115.0	102.7	86.3	73.9	57.5	45.2	32.9	20.5
-82.5°	123.2	115.0	102.7	94.5	86.3	73.9	61.6	49.3	32.9	24.6	16.4
-85°	94.5	86.3	82.2	73.9	65.7	53.4	41.1	32.9	24.6	16.4	8.2
-87.5°	49.3	45.2	41.1	37.0	32.9	24.6	20.5	16.4	12.3	8.2	4.1
-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: P722390

CATALOG NUMBER: IFLD-L-SA8A-722-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°	4.1	0.0	0.0	0.0
77.5°	4.1	0.0	0.0	0.0
75°	4.1	4.1	0.0	0.0
72.5°	4.1	4.1	0.0	0.0
70°	4.1	4.1	0.0	0.0
67.5°	8.2	4.1	0.0	0.0
65°	8.2	4.1	0.0	0.0
62.5°	8.2	4.1	0.0	0.0
60°	8.2	4.1	0.0	0.0
57.5°	12.3	4.1	4.1	0.0
55°	12.3	4.1	4.1	0.0
52.5°	12.3	4.1	4.1	0.0
50°	12.3	8.2	4.1	0.0
47.5°	12.3	8.2	4.1	0.0
45°	12.3	8.2	4.1	0.0
42.5°	12.3	8.2	4.1	0.0
40°	16.4	8.2	4.1	0.0
37.5°	16.4	8.2	4.1	0.0
35°	16.4	8.2	4.1	0.0
32.5°	16.4	8.2	4.1	0.0
30°	16.4	8.2	4.1	0.0
27.5°	16.4	12.3	4.1	0.0
25°	16.4	12.3	4.1	0.0
22.5°	20.5	12.3	4.1	0.0
20°	20.5	12.3	4.1	0.0
17.5°	20.5	12.3	4.1	0.0
15°	20.5	12.3	4.1	0.0
12.5°	20.5	12.3	4.1	0.0
10°	20.5	12.3	4.1	0.0
7.5°	20.5	12.3	4.1	0.0
5°	20.5	12.3	4.1	0.0
2.5°	20.5	12.3	4.1	0.0
0°	20.5	12.3	4.1	0.0
-2.5°	20.5	12.3	4.1	0.0
-5°	20.5	12.3	4.1	0.0
-7.5°	20.5	12.3	4.1	0.0
-10°	20.5	12.3	4.1	0.0
-12.5°	24.6	12.3	4.1	0.0
-15°	24.6	12.3	4.1	0.0
-17.5°	24.6	12.3	4.1	0.0
-20°	24.6	12.3	4.1	0.0

REPORT NUMBER: P722390

CATALOG NUMBER: IFLD-L-SA8A-722-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	24.6	12.3	4.1	0.0
-25°	24.6	12.3	4.1	0.0
-27.5°	24.6	12.3	4.1	0.0
-30°	24.6	12.3	4.1	0.0
-32.5°	24.6	12.3	4.1	0.0
-35°	24.6	12.3	4.1	0.0
-37.5°	24.6	12.3	4.1	0.0
-40°	24.6	12.3	4.1	0.0
-42.5°	20.5	12.3	4.1	0.0
-45°	24.6	12.3	4.1	0.0
-47.5°	24.6	12.3	4.1	0.0
-50°	24.6	12.3	4.1	0.0
-52.5°	24.6	12.3	4.1	0.0
-55°	24.6	12.3	4.1	0.0
-57.5°	24.6	12.3	4.1	0.0
-60°	24.6	12.3	4.1	0.0
-62.5°	20.5	12.3	4.1	0.0
-65°	20.5	8.2	4.1	0.0
-67.5°	20.5	8.2	4.1	0.0
-70°	20.5	8.2	4.1	0.0
-72.5°	16.4	8.2	4.1	0.0
-75°	16.4	8.2	4.1	0.0
-77.5°	12.3	4.1	0.0	0.0
-80°	12.3	4.1	0.0	0.0
-82.5°	8.2	4.1	0.0	0.0
-85°	4.1	4.1	0.0	0.0
-87.5°	4.1	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)