

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: P722711

Luminaire Tested: **IFLD-L-SA8C-935-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722711
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA8C-935-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (128) 3500K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

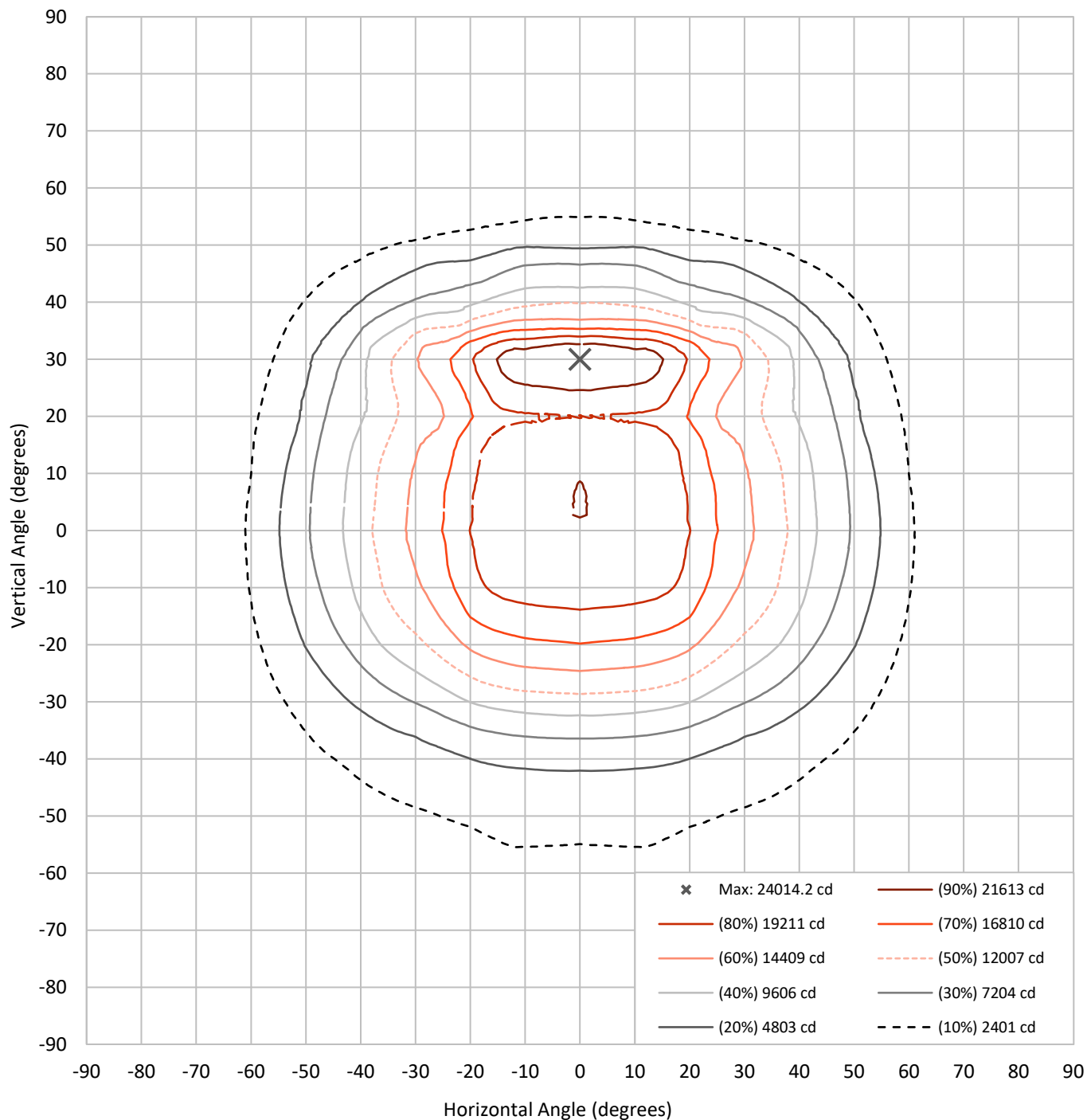
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	34398.8 lumens	Max Intensity:	24014.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	81.8 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	68.6°H x 68.4°V	Field Angle (10%):	111.9°H x 109.7°V
Beam Lumens:	21944.9 lumens	Field Lumens:	32430.3 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%
Input Watts (W):	420.3		
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: P722711

CATALOG NUMBER: IFLD-L-SA8C-935-U-76-VI

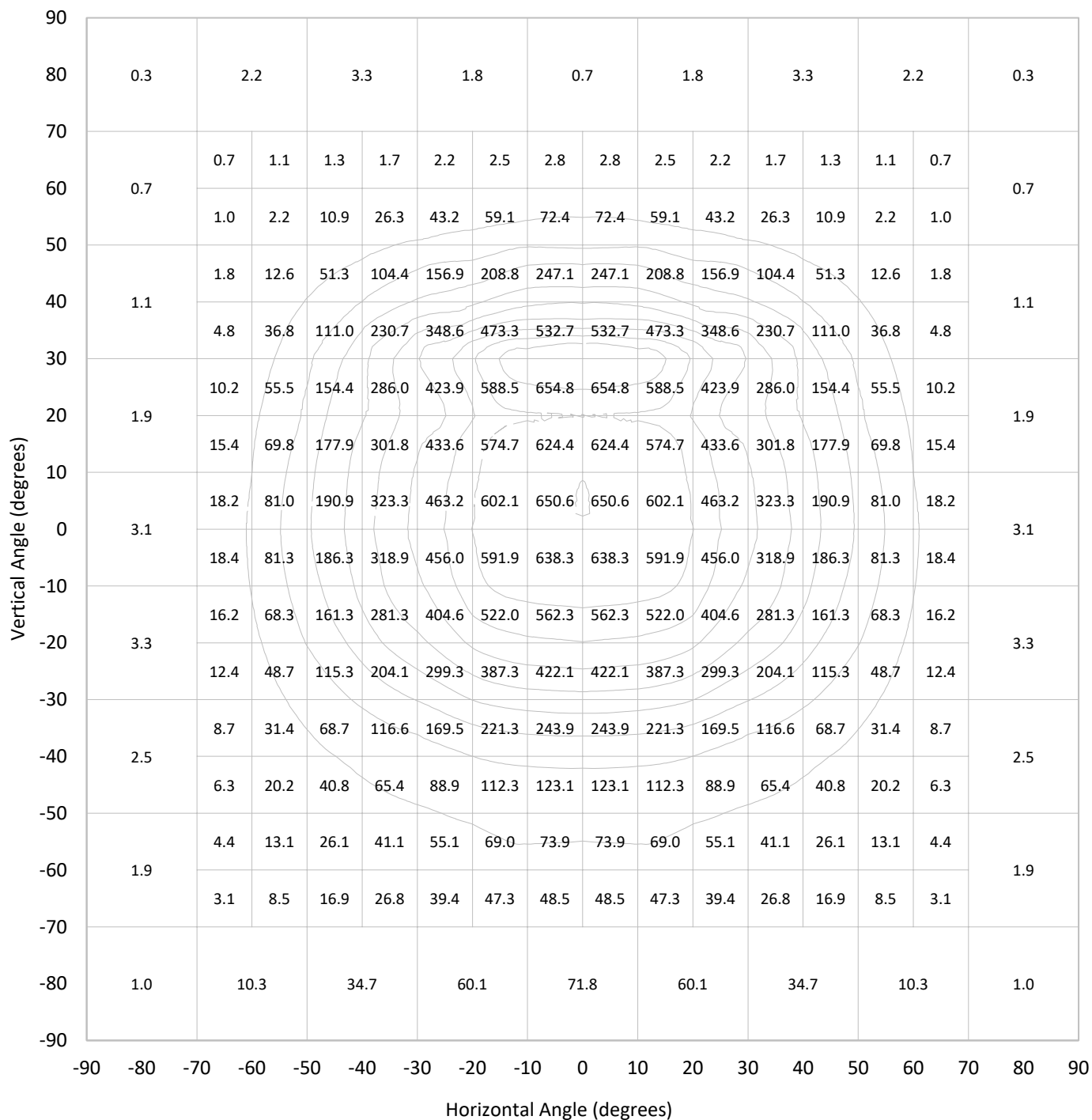
Iso-Candela Plot



REPORT NUMBER: P722711

CATALOG NUMBER: IFLD-L-SA8C-935-U-76-VI

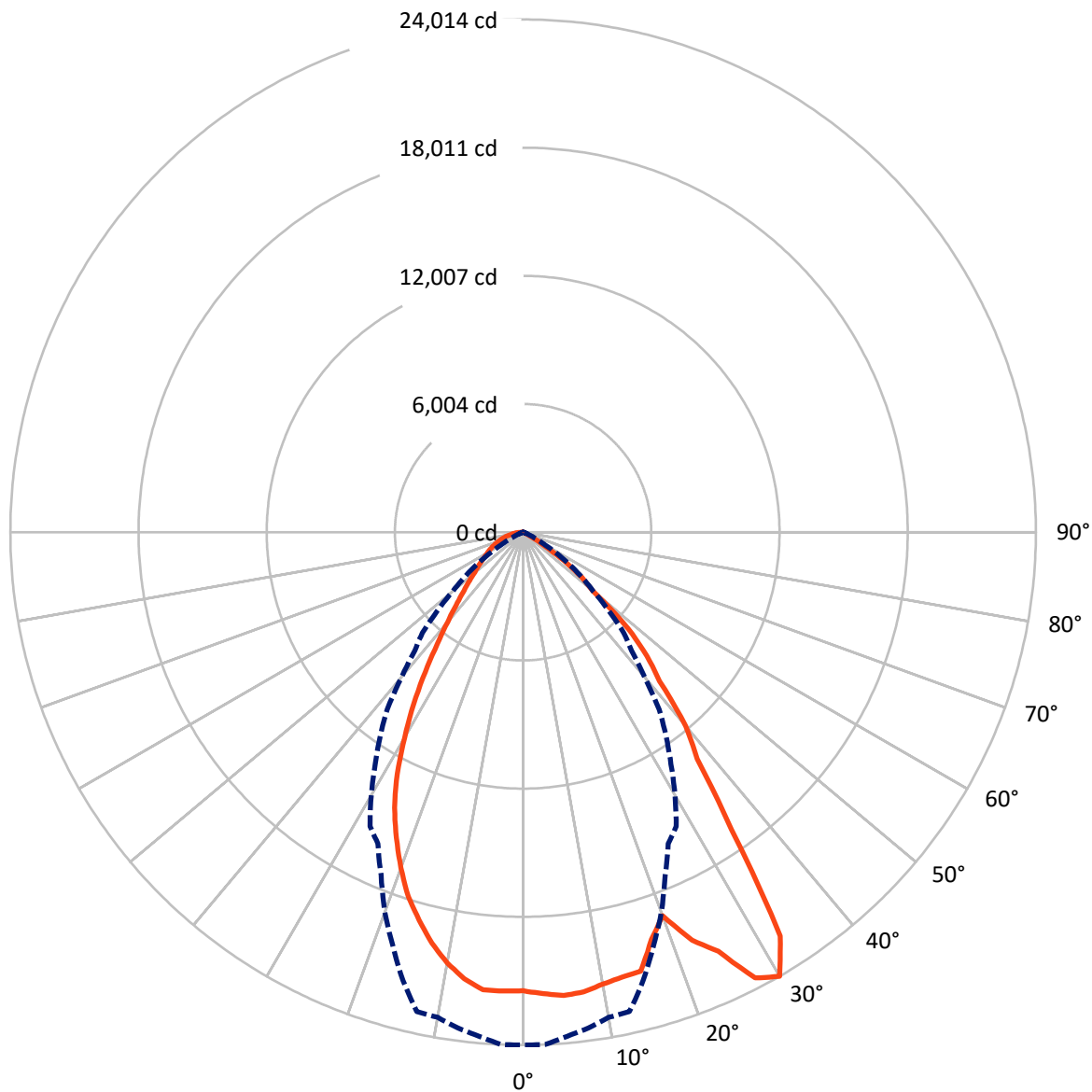
Lumen Table



REPORT NUMBER: P722711

CATALOG NUMBER: IFLD-L-SA8C-935-U-76-VI

Luminous Intensity Polar Plot

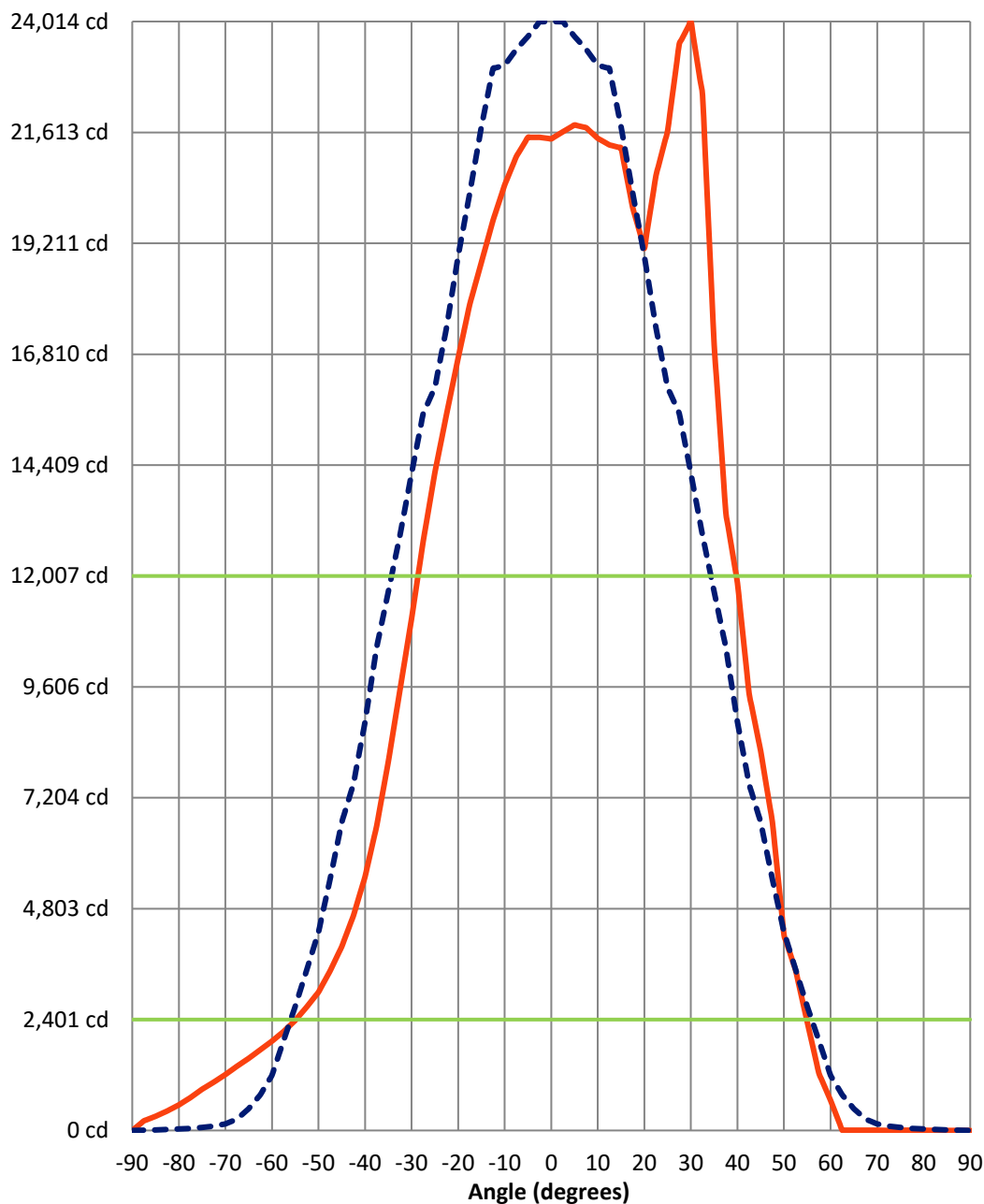


— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 30-Deg

REPORT NUMBER: P722711

CATALOG NUMBER: IFLD-L-SA8C-935-U-76-VI

Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 21944.9

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 32430.3

Efficiency: 94.3%

Spill:

Lumens: 1968.5

Efficiency: 5.7%

— Vertical Distribution through 0-Deg

- - - Horizontal Distribution through 30-Deg

REPORT NUMBER: P722711

CATALOG NUMBER: IFLD-L-SA8C-935-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	5.5	5.5	5.5	5.5	5.5	5.5	5.5
85°	0.0	5.5	5.5	5.5	11.0	11.0	11.0	11.0	11.0	11.0	16.4
82.5°	0.0	5.5	5.5	5.5	11.0	11.0	11.0	11.0	16.4	16.4	21.9
80°	5.5	5.5	5.5	5.5	11.0	11.0	11.0	16.4	16.4	21.9	21.9
77.5°	5.5	5.5	5.5	11.0	11.0	11.0	16.4	16.4	21.9	21.9	27.4
75°	5.5	5.5	5.5	11.0	11.0	16.4	16.4	16.4	21.9	21.9	27.4
72.5°	0.0	5.5	5.5	11.0	11.0	16.4	16.4	16.4	21.9	21.9	21.9
70°	5.5	5.5	5.5	11.0	11.0	16.4	16.4	16.4	21.9	21.9	21.9
67.5°	5.5	5.5	5.5	11.0	11.0	16.4	16.4	21.9	21.9	21.9	27.4
65°	5.5	5.5	5.5	11.0	16.4	16.4	21.9	27.4	27.4	32.9	38.3
62.5°	5.5	11.0	11.0	16.4	21.9	27.4	60.2	93.1	93.1	65.7	54.8
60°	651.7	706.5	701.0	635.3	553.1	465.5	449.1	432.6	399.8	350.5	366.9
57.5°	1237.7	1303.4	1330.8	1314.3	1270.5	1193.9	1150.1	1100.8	1035.0	958.4	870.8
55°	2343.9	2371.3	2311.1	2196.1	2070.1	1944.1	1900.3	1834.6	1736.0	1637.5	1506.0
52.5°	3466.6	3559.7	3532.3	3417.3	3247.5	3023.0	2776.6	2584.9	2469.9	2360.3	2228.9
50°	4233.3	4271.6	4348.3	4485.2	4534.5	4381.1	3981.4	3466.6	3099.7	3285.9	3143.5
47.5°	6681.3	6872.9	6834.6	6736.0	6571.7	6155.5	5596.9	5136.9	4753.5	4627.6	4649.5
45°	8209.2	8285.8	8258.5	8214.7	8138.0	7749.2	7130.3	6423.9	6067.9	5925.5	5777.6
42.5°	9463.3	9545.4	9561.9	9567.3	9485.2	9129.2	8570.6	7864.2	7508.2	7097.5	6774.4
40°	11856.5	11977.0	11840.1	11659.3	11385.5	10980.3	10432.6	9780.9	9151.1	8647.3	8263.9
37.5°	13384.4	13532.3	13587.0	13576.1	13515.8	13340.6	12667.0	12048.2	11084.3	9956.2	10158.8
35°	17009.8	17163.2	17119.3	16955.0	16867.4	16681.2	16024.1	15290.2	14079.9	12853.2	12524.6
32.5°	22415.1	22749.1	22124.8	21440.2	21018.6	21166.4	20498.3	18702.0	18143.4	15931.0	14906.9
30°	24014.2	24008.7	23691.1	23411.8	23066.8	22995.6	21736.0	20301.1	18932.0	17382.2	16089.8
27.5°	23526.8	23428.2	23159.8	22957.2	22634.1	22464.3	21232.1	20093.0	18510.4	17124.8	15876.2
25°	21648.4	21725.0	21451.2	21412.9	21286.9	20958.3	20345.0	19063.5	17650.6	16117.2	15219.0
22.5°	20679.0	20651.6	20323.1	20131.4	20284.7	19934.2	19687.8	18395.4	16922.2	15629.7	14550.9
20°	19101.8	19107.3	19025.1	19008.7	18915.6	18756.8	18559.6	17645.1	16604.6	15498.3	14200.4
17.5°	19983.5	20208.1	20306.6	19490.6	19720.6	19539.9	19331.8	18055.8	17272.7	16292.4	14600.2
15°	21276.0	21193.8	21095.2	21051.4	20925.5	20755.7	20377.8	19359.2	18012.0	16998.9	15679.0
12.5°	21341.7	21182.9	21144.5	21139.0	21007.6	20772.1	20405.2	19561.8	18368.0	17135.8	16062.4
10°	21484.1	21319.8	21297.9	21325.2	21122.6	20974.8	20607.8	19824.7	18477.5	17371.3	16358.1
7.5°	21714.1	21440.2	21566.2	21484.1	21391.0	21155.5	20761.2	19994.5	18877.3	17683.4	16621.0
5°	21774.3	21473.1	21610.0	21533.3	21396.4	21166.4	20739.3	20104.0	19123.7	17809.4	16725.0
2.5°	21626.4	21538.8	21478.6	21336.2	21276.0	21024.0	20618.8	19939.7	19008.7	17754.6	16703.1
0°	21473.1	21549.8	21412.9	21270.5	21243.1	21040.5	20695.5	20082.1	19277.1	17907.9	16889.3
-2.5°	21506.0	21445.7	21352.6	21204.8	21062.4	20772.1	20460.0	19884.9	19019.7	17573.9	16626.5
-5°	21506.0	21226.7	21237.6	21243.1	21100.7	20799.5	20421.6	19934.2	18866.3	17568.4	16549.8
-7.5°	21089.8	20848.8	20810.5	20777.6	20739.3	20460.0	20164.2	19556.4	18608.9	17426.0	16336.2
-10°	20476.4	20240.9	20262.8	20213.5	20093.0	19906.8	19682.3	19134.7	18357.0	16977.0	15903.6
-12.5°	19709.7	19605.6	19545.4	19463.3	19342.8	19178.5	18948.5	18433.7	17601.3	16423.8	15405.2
-15°	18800.6	18723.9	18669.2	18619.9	18444.6	18274.9	17973.7	17497.2	16977.0	15711.9	14671.4
-17.5°	17891.5	17699.8	17623.2	17557.5	17442.5	17168.6	16894.8	16538.8	15810.5	14808.3	13915.6
-20°	16725.0	16610.0	16516.9	16429.3	16265.0	16051.4	15826.9	15416.2	14786.4	13975.9	13050.3

REPORT NUMBER: P722711

CATALOG NUMBER: IFLD-L-SA8C-935-U-76-VI

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	15503.8	15438.1	15361.4	15251.9	15142.3	14939.7	14627.6	14233.3	13740.4	12864.1	11998.9
-25°	14244.2	14118.3	14025.2	13921.1	13833.5	13647.3	13346.1	12968.2	12349.4	11593.6	10870.7
-27.5°	12760.1	12639.6	12590.3	12469.8	12393.2	12223.4	11922.2	11571.7	11013.1	10377.8	9644.0
-30°	11084.3	11106.2	11051.4	10936.4	10843.3	10624.3	10394.3	10098.5	9660.4	9052.5	8395.4
-32.5°	9534.5	9561.9	9496.1	9375.7	9255.2	9096.4	8882.8	8614.4	8285.8	7705.3	7135.8
-35°	7984.6	7973.7	7918.9	7847.7	7765.6	7634.2	7393.2	7190.6	6812.7	6407.4	6013.1
-37.5°	6593.6	6621.0	6604.6	6566.2	6473.1	6363.6	6166.5	5980.3	5701.0	5345.0	5038.3
-40°	5492.9	5525.7	5503.8	5465.5	5383.3	5317.6	5186.2	5021.9	4797.4	4490.7	4233.3
-42.5°	4649.5	4671.4	4644.0	4611.2	4540.0	4490.7	4386.6	4249.7	4063.5	3828.0	3598.0
-45°	3981.4	3986.8	3959.5	3937.6	3882.8	3822.6	3734.9	3625.4	3477.5	3313.2	3127.0
-47.5°	3455.6	3450.2	3422.8	3400.9	3357.1	3302.3	3231.1	3132.5	3017.5	2891.6	2743.7
-50°	2995.6	3023.0	3012.0	2990.1	2957.3	2918.9	2847.7	2743.7	2628.7	2535.6	2431.5
-52.5°	2678.0	2683.5	2678.0	2678.0	2672.5	2645.1	2563.0	2458.9	2333.0	2250.8	2163.2
-55°	2382.2	2409.6	2420.6	2431.5	2437.0	2437.0	2338.4	2228.9	2108.4	2026.3	1960.6
-57.5°	2141.3	2157.7	2168.7	2196.1	2218.0	2234.4	2146.8	2048.2	1955.1	1878.4	1818.2
-60°	1933.2	1955.1	1971.5	1998.9	2015.3	2026.3	1971.5	1905.8	1851.0	1801.7	1714.1
-62.5°	1747.0	1763.4	1779.8	1796.3	1812.7	1823.7	1801.7	1768.9	1741.5	1719.6	1610.1
-65°	1560.8	1577.2	1593.6	1615.5	1632.0	1642.9	1637.5	1615.5	1593.6	1571.7	1473.2
-67.5°	1391.0	1407.4	1429.3	1434.8	1445.8	1451.3	1440.3	1423.9	1396.5	1369.1	1292.4
-70°	1210.3	1221.2	1232.2	1232.2	1232.2	1226.7	1215.8	1193.9	1166.5	1128.1	1067.9
-72.5°	1046.0	1057.0	1067.9	1051.5	1040.5	1024.1	1007.7	980.3	952.9	925.5	892.7
-75°	892.7	898.1	898.1	876.2	859.8	843.4	821.5	805.0	777.7	755.7	728.4
-77.5°	711.9	711.9	711.9	695.5	684.6	673.6	657.2	640.7	618.8	602.4	580.5
-80°	553.1	553.1	553.1	547.6	531.2	520.3	509.3	498.4	481.9	471.0	460.0
-82.5°	421.7	421.7	421.7	416.2	405.3	399.8	388.8	377.9	372.4	361.4	356.0
-85°	306.7	312.2	312.2	306.7	301.2	290.3	284.8	279.3	273.8	268.3	257.4
-87.5°	208.1	208.1	208.1	202.6	197.2	197.2	191.7	180.7	169.8	164.3	158.8
-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: P722711

CATALOG NUMBER: IFLD-L-SA8C-935-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°	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
85°	16.4	16.4	16.4	21.9	21.9	21.9	21.9	21.9	21.9	21.9	16.4
82.5°	27.4	27.4	32.9	32.9	38.3	38.3	38.3	38.3	38.3	38.3	38.3
80°	27.4	32.9	38.3	43.8	49.3	54.8	54.8	54.8	54.8	49.3	49.3
77.5°	32.9	32.9	38.3	43.8	49.3	54.8	60.2	65.7	60.2	60.2	60.2
75°	32.9	38.3	38.3	43.8	49.3	54.8	60.2	65.7	65.7	65.7	65.7
72.5°	27.4	32.9	38.3	43.8	43.8	49.3	54.8	54.8	60.2	60.2	65.7
70°	27.4	32.9	38.3	38.3	43.8	43.8	49.3	54.8	54.8	60.2	60.2
67.5°	32.9	38.3	38.3	43.8	49.3	49.3	49.3	54.8	54.8	60.2	60.2
65°	38.3	43.8	43.8	49.3	54.8	54.8	60.2	60.2	60.2	65.7	65.7
62.5°	65.7	65.7	65.7	60.2	65.7	65.7	65.7	71.2	71.2	65.7	71.2
60°	339.5	246.4	169.8	213.6	191.7	87.6	87.6	87.6	82.1	82.1	76.7
57.5°	799.6	744.8	640.7	542.2	487.4	432.6	268.3	109.5	109.5	98.6	87.6
55°	1336.3	1155.5	1078.9	947.4	805.0	739.3	613.4	416.2	197.2	131.4	115.0
52.5°	2070.1	1900.3	1703.2	1434.8	1243.2	1089.8	985.8	783.1	525.7	279.3	175.2
50°	2771.1	2694.4	2573.9	2311.1	1911.3	1653.9	1484.1	1254.1	941.9	575.0	328.6
47.5°	4463.3	3822.6	3433.7	3231.1	2897.0	2409.6	2081.0	1823.7	1445.8	969.3	580.5
45°	5618.8	5213.6	4594.7	4167.6	3674.7	3159.9	2732.7	2437.0	1987.9	1451.3	909.1
42.5°	6610.1	6259.6	5701.0	5076.7	4556.4	3882.8	3335.1	2946.3	2568.4	1982.5	1358.2
40°	7886.1	7469.9	6933.2	6325.3	5717.4	4857.6	3970.4	3499.4	3083.2	2563.0	1834.6
37.5°	9989.0	9255.2	8378.9	7705.3	6911.3	6182.9	4967.1	4134.7	3641.8	3099.7	2393.2
35°	12519.1	11714.1	10251.9	9359.2	8296.8	7212.5	6117.2	4885.0	4184.0	3609.0	2908.0
32.5°	14874.0	13696.6	11823.6	10777.6	10071.2	8072.3	6938.6	5870.7	4742.6	4036.1	3203.7
30°	15525.7	14227.8	12886.1	11664.8	10460.0	8844.4	7502.7	6670.3	5443.6	4293.5	3483.0
27.5°	14868.5	13975.9	12935.3	11801.7	10498.3	9112.8	7847.7	7053.7	5958.4	4468.8	3702.1
25°	14200.4	13269.4	12541.0	11593.6	10388.8	9096.4	7858.7	7294.6	6358.1	4808.3	3822.6
22.5°	13493.9	12913.4	12311.0	11254.1	10115.0	9145.6	8214.7	7502.7	6566.2	5191.7	3871.8
20°	13532.3	13154.4	12491.8	11078.8	10065.7	9435.9	8641.8	7765.6	6790.8	5525.7	3910.2
17.5°	14145.6	13652.8	12820.3	11593.6	10509.3	9731.6	8997.8	8127.0	7020.8	5821.5	4375.7
15°	14901.4	14151.1	13280.4	12201.5	10974.8	10054.7	9271.6	8378.9	7283.7	6095.3	4791.9
12.5°	15449.0	14381.1	13565.1	12590.3	11478.6	10405.2	9452.3	8570.6	7530.1	6319.8	5104.0
10°	15635.2	14665.9	13702.0	12831.3	11736.0	10591.4	9589.2	8691.1	7743.7	6495.1	5334.0
7.5°	15733.8	14912.3	13795.1	12940.8	11889.3	10706.4	9698.8	8756.8	7913.5	6615.5	5481.9
5°	15722.8	15043.8	13866.3	12973.7	11971.5	10755.7	9775.4	8773.3	8033.9	6719.6	5569.5
2.5°	15673.6	15131.4	13981.3	13028.4	12135.8	10848.8	9923.3	8806.1	8077.7	6834.6	5629.8
0°	15854.3	15136.9	14101.8	13044.9	12245.3	10881.7	9989.0	8778.7	8017.5	6867.5	5624.3
-2.5°	15465.5	14813.8	14074.4	12902.5	12097.4	10805.0	9868.5	8691.1	7886.1	6829.1	5602.4
-5°	15399.7	14578.3	13844.4	12771.0	11851.0	10646.2	9644.0	8526.8	7678.0	6703.2	5514.8
-7.5°	15224.5	14353.7	13619.9	12667.0	11621.0	10481.9	9430.4	8357.0	7453.4	6506.0	5388.8
-10°	14841.1	14008.7	13378.9	12442.5	11341.7	10246.4	9173.0	8132.5	7190.6	6237.7	5191.7
-12.5°	14293.5	13461.1	12836.8	11966.0	10991.2	9928.8	8866.4	7842.3	6889.4	5952.9	4956.2
-15°	13674.7	12831.3	12207.0	11412.9	10470.9	9435.9	8477.5	7475.3	6544.3	5651.7	4676.9
-17.5°	12973.7	12174.1	11571.7	10799.5	9863.1	8877.3	7924.4	7015.3	6144.6	5339.5	4353.8
-20°	12163.2	11385.5	10832.4	10060.2	9200.4	8242.0	7316.5	6456.7	5673.6	4917.8	3997.8

REPORT NUMBER: P722711

CATALOG NUMBER: IFLD-L-SA8C-935-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°	11161.0	10476.4	9846.6	9156.6	8406.3	7530.1	6670.3	5909.1	5158.8	4419.5	3630.9
-25°	10136.9	9474.2	8860.9	8231.1	7513.7	6757.9	6024.1	5334.0	4600.2	3932.1	3274.9
-27.5°	8997.8	8406.3	7858.7	7278.2	6621.0	5969.3	5366.9	4693.3	4058.0	3488.5	2924.4
-30°	7782.0	7300.1	6823.6	6308.9	5777.6	5230.0	4693.3	4058.0	3559.7	3105.1	2628.7
-32.5°	6615.5	6182.9	5799.5	5416.2	4956.2	4507.1	4030.7	3559.7	3143.5	2743.7	2343.9
-35°	5591.4	5131.4	4917.8	4611.2	4244.2	3839.0	3450.2	3121.6	2787.5	2426.1	2070.1
-37.5°	4704.3	4408.5	4156.6	3926.6	3636.4	3285.9	3006.6	2738.2	2458.9	2130.3	1823.7
-40°	4008.8	3795.2	3543.3	3373.5	3138.0	2886.1	2606.8	2382.2	2146.8	1878.4	1626.5
-42.5°	3450.2	3274.9	3110.6	2929.9	2754.6	2541.1	2300.1	2086.5	1872.9	1675.8	1467.7
-45°	2990.1	2864.2	2732.7	2584.9	2431.5	2245.3	2048.2	1829.1	1675.8	1500.5	1325.3
-47.5°	2612.3	2519.2	2409.6	2294.6	2163.2	1998.9	1818.2	1659.4	1500.5	1352.7	1182.9
-50°	2311.1	2223.4	2135.8	2037.2	1922.2	1779.8	1642.9	1495.1	1347.2	1204.8	1046.0
-52.5°	2059.1	1982.5	1911.3	1829.1	1719.6	1599.1	1473.2	1341.7	1204.8	1062.4	936.5
-55°	1883.9	1796.3	1725.1	1642.9	1544.4	1429.3	1314.3	1193.9	1062.4	952.9	848.8
-57.5°	1741.5	1642.9	1560.8	1473.2	1374.6	1276.0	1172.0	1062.4	963.9	859.8	761.2
-60°	1621.0	1506.0	1412.9	1325.3	1232.2	1139.1	1051.5	958.4	865.3	772.2	673.6
-62.5°	1495.1	1374.6	1259.6	1177.4	1106.2	1024.1	947.4	859.8	777.7	684.6	613.4
-65°	1352.7	1237.7	1128.1	1057.0	991.2	920.0	848.8	772.2	701.0	629.8	564.1
-67.5°	1193.9	1095.3	1018.6	952.9	887.2	826.9	761.2	695.5	635.3	564.1	498.4
-70°	1002.2	947.4	903.6	854.3	794.1	739.3	679.1	618.8	553.1	492.9	432.6
-72.5°	854.3	821.5	788.6	739.3	684.6	635.3	586.0	531.2	476.4	421.7	372.4
-75°	701.0	673.6	646.2	613.4	569.5	531.2	487.4	438.1	394.3	356.0	317.6
-77.5°	564.1	542.2	525.7	498.4	465.5	432.6	405.3	372.4	339.5	301.2	262.9
-80°	449.1	438.1	432.6	421.7	394.3	366.9	345.0	317.6	284.8	257.4	230.0
-82.5°	350.5	350.5	345.0	339.5	317.6	295.7	279.3	257.4	235.5	213.6	186.2
-85°	257.4	251.9	251.9	246.4	230.0	219.1	202.6	191.7	175.2	153.3	142.4
-87.5°	153.3	147.9	142.4	136.9	126.0	120.5	109.5	104.1	93.1	82.1	76.7
-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: P722711

CATALOG NUMBER: IFLD-L-SA8C-935-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°	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	0.0	0.0
85°	16.4	11.0	11.0	11.0	11.0	11.0	5.5	5.5	5.5	5.5	5.5
82.5°	32.9	32.9	27.4	27.4	21.9	16.4	11.0	11.0	11.0	5.5	5.5
80°	49.3	49.3	49.3	43.8	38.3	27.4	21.9	16.4	11.0	5.5	5.5
77.5°	60.2	54.8	54.8	49.3	49.3	43.8	32.9	27.4	16.4	11.0	5.5
75°	60.2	60.2	60.2	54.8	54.8	49.3	43.8	32.9	27.4	16.4	11.0
72.5°	65.7	60.2	60.2	60.2	54.8	49.3	43.8	38.3	32.9	21.9	11.0
70°	60.2	60.2	60.2	60.2	54.8	54.8	43.8	38.3	38.3	21.9	16.4
67.5°	60.2	60.2	60.2	54.8	54.8	49.3	43.8	38.3	38.3	27.4	16.4
65°	65.7	60.2	60.2	60.2	54.8	49.3	43.8	38.3	38.3	32.9	21.9
62.5°	71.2	65.7	65.7	60.2	54.8	49.3	43.8	38.3	38.3	32.9	21.9
60°	76.7	71.2	65.7	65.7	60.2	54.8	43.8	43.8	38.3	32.9	21.9
57.5°	82.1	76.7	76.7	71.2	65.7	60.2	49.3	43.8	38.3	32.9	27.4
55°	98.6	87.6	82.1	82.1	76.7	65.7	54.8	43.8	38.3	32.9	27.4
52.5°	131.4	104.1	93.1	93.1	87.6	76.7	60.2	49.3	38.3	32.9	27.4
50°	208.1	131.4	109.5	98.6	98.6	87.6	71.2	54.8	38.3	32.9	27.4
47.5°	328.6	219.1	131.4	115.0	109.5	104.1	82.1	54.8	43.8	32.9	27.4
45°	542.2	323.1	213.6	136.9	115.0	109.5	93.1	60.2	43.8	38.3	27.4
42.5°	744.8	503.8	328.6	164.3	136.9	120.5	98.6	65.7	49.3	38.3	27.4
40°	1172.0	690.0	460.0	268.3	158.8	126.0	109.5	76.7	49.3	38.3	27.4
37.5°	1588.2	914.6	618.8	394.3	180.7	142.4	115.0	82.1	54.8	38.3	32.9
35°	2004.4	1281.5	766.7	525.7	241.0	169.8	120.5	87.6	54.8	38.3	32.9
32.5°	2376.8	1626.5	920.0	657.2	361.4	202.6	131.4	93.1	60.2	43.8	32.9
30°	2683.5	1944.1	1193.9	772.2	471.0	246.4	142.4	93.1	65.7	43.8	32.9
27.5°	2913.5	2190.6	1473.2	892.7	564.1	290.3	164.3	104.1	65.7	43.8	32.9
25°	3099.7	2382.2	1719.6	1018.6	646.2	361.4	197.2	109.5	71.2	49.3	32.9
22.5°	3247.5	2541.1	1922.2	1188.4	744.8	432.6	241.0	120.5	71.2	49.3	32.9
20°	3450.2	2699.9	2059.1	1369.1	848.8	498.4	279.3	131.4	71.2	49.3	38.3
17.5°	3625.4	2858.7	2168.7	1522.4	952.9	547.6	323.1	142.4	76.7	49.3	38.3
15°	3828.0	3012.0	2267.2	1642.9	1051.5	591.5	361.4	153.3	76.7	54.8	38.3
12.5°	4047.1	3154.4	2338.4	1741.5	1155.5	629.8	394.3	175.2	82.1	54.8	38.3
10°	4271.6	3274.9	2398.7	1812.7	1232.2	668.1	416.2	197.2	87.6	54.8	38.3
7.5°	4496.2	3384.4	2475.3	1845.6	1265.1	711.9	427.2	219.1	87.6	60.2	38.3
5°	4649.5	3455.6	2584.9	1867.5	1281.5	761.2	443.6	246.4	93.1	60.2	38.3
2.5°	4780.9	3499.4	2699.9	1883.9	1287.0	788.6	438.1	262.9	98.6	60.2	38.3
0°	4841.2	3499.4	2776.6	1872.9	1270.5	816.0	438.1	279.3	98.6	60.2	38.3
-2.5°	4748.1	3598.0	2754.6	1878.4	1276.0	816.0	460.0	284.8	109.5	65.7	38.3
-5°	4600.2	3636.4	2688.9	1851.0	1265.1	816.0	487.4	290.3	115.0	65.7	43.8
-7.5°	4457.8	3652.8	2612.3	1823.7	1248.6	794.1	492.9	284.8	126.0	71.2	43.8
-10°	4271.6	3472.1	2513.7	1774.4	1215.8	777.7	503.8	284.8	131.4	71.2	43.8
-12.5°	4058.0	3253.0	2393.2	1703.2	1177.4	761.2	509.3	284.8	136.9	76.7	43.8
-15°	3811.6	3028.5	2256.3	1626.5	1122.7	739.3	498.4	279.3	142.4	76.7	49.3
-17.5°	3532.3	2809.4	2113.9	1533.4	1062.4	711.9	476.4	273.8	142.4	76.7	49.3
-20°	3214.7	2590.4	1955.1	1440.3	991.2	679.1	454.5	262.9	142.4	76.7	49.3



REPORT NUMBER: P722711

CATALOG NUMBER: IFLD-L-SA8C-935-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	2929.9	2387.7	1790.8	1336.3	914.6	640.7	427.2	251.9	142.4	82.1	49.3
-25°	2694.4	2190.6	1664.8	1232.2	832.4	596.9	399.8	241.0	142.4	82.1	49.3
-27.5°	2448.0	1977.0	1533.4	1133.6	777.7	558.6	372.4	230.0	136.9	82.1	49.3
-30°	2196.1	1768.9	1396.5	1024.1	722.9	520.3	350.5	213.6	136.9	82.1	49.3
-32.5°	1966.0	1599.1	1270.5	914.6	662.6	481.9	328.6	208.1	131.4	82.1	49.3
-35°	1741.5	1445.8	1139.1	826.9	596.9	443.6	306.7	202.6	131.4	82.1	49.3
-37.5°	1555.3	1303.4	1018.6	766.7	558.6	410.7	284.8	191.7	126.0	82.1	49.3
-40°	1402.0	1172.0	903.6	701.0	525.7	377.9	262.9	186.2	126.0	82.1	49.3
-42.5°	1259.6	1046.0	832.4	646.2	492.9	356.0	246.4	180.7	120.5	82.1	49.3
-45°	1133.6	936.5	761.2	596.9	454.5	328.6	235.5	169.8	115.0	82.1	54.8
-47.5°	1007.7	859.8	695.5	553.1	416.2	295.7	224.5	164.3	109.5	76.7	54.8
-50°	909.1	777.7	640.7	503.8	377.9	284.8	213.6	153.3	109.5	76.7	54.8
-52.5°	821.5	701.0	580.5	454.5	345.0	268.3	202.6	142.4	104.1	76.7	54.8
-55°	739.3	629.8	520.3	405.3	323.1	251.9	186.2	131.4	104.1	76.7	54.8
-57.5°	657.2	564.1	460.0	366.9	295.7	235.5	175.2	131.4	104.1	76.7	54.8
-60°	591.5	503.8	416.2	339.5	273.8	213.6	158.8	126.0	98.6	76.7	54.8
-62.5°	536.7	454.5	377.9	306.7	251.9	191.7	153.3	126.0	98.6	76.7	49.3
-65°	481.9	410.7	339.5	279.3	224.5	180.7	147.9	120.5	98.6	76.7	49.3
-67.5°	427.2	361.4	306.7	246.4	208.1	175.2	142.4	120.5	93.1	71.2	49.3
-70°	372.4	317.6	268.3	230.0	197.2	164.3	136.9	115.0	93.1	65.7	43.8
-72.5°	328.6	279.3	241.0	213.6	186.2	158.8	131.4	109.5	87.6	60.2	38.3
-75°	279.3	246.4	219.1	191.7	169.8	147.9	126.0	98.6	76.7	54.8	38.3
-77.5°	235.5	213.6	191.7	175.2	153.3	131.4	109.5	87.6	71.2	49.3	32.9
-80°	202.6	186.2	169.8	153.3	136.9	115.0	98.6	76.7	60.2	43.8	27.4
-82.5°	164.3	153.3	136.9	126.0	115.0	98.6	82.1	65.7	43.8	32.9	21.9
-85°	126.0	115.0	109.5	98.6	87.6	71.2	54.8	43.8	32.9	21.9	11.0
-87.5°	65.7	60.2	54.8	49.3	43.8	32.9	27.4	21.9	16.4	11.0	5.5
-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: P722711

CATALOG NUMBER: IFLD-L-SA8C-935-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°	5.5	0.0	0.0	0.0
77.5°	5.5	0.0	0.0	0.0
75°	5.5	5.5	0.0	0.0
72.5°	5.5	5.5	0.0	0.0
70°	5.5	5.5	0.0	0.0
67.5°	11.0	5.5	0.0	0.0
65°	11.0	5.5	0.0	0.0
62.5°	11.0	5.5	0.0	0.0
60°	11.0	5.5	0.0	0.0
57.5°	16.4	5.5	5.5	0.0
55°	16.4	5.5	5.5	0.0
52.5°	16.4	5.5	5.5	0.0
50°	16.4	11.0	5.5	0.0
47.5°	16.4	11.0	5.5	0.0
45°	16.4	11.0	5.5	0.0
42.5°	16.4	11.0	5.5	0.0
40°	21.9	11.0	5.5	0.0
37.5°	21.9	11.0	5.5	0.0
35°	21.9	11.0	5.5	0.0
32.5°	21.9	11.0	5.5	0.0
30°	21.9	11.0	5.5	0.0
27.5°	21.9	16.4	5.5	0.0
25°	21.9	16.4	5.5	0.0
22.5°	27.4	16.4	5.5	0.0
20°	27.4	16.4	5.5	0.0
17.5°	27.4	16.4	5.5	0.0
15°	27.4	16.4	5.5	0.0
12.5°	27.4	16.4	5.5	0.0
10°	27.4	16.4	5.5	0.0
7.5°	27.4	16.4	5.5	0.0
5°	27.4	16.4	5.5	0.0
2.5°	27.4	16.4	5.5	0.0
0°	27.4	16.4	5.5	0.0
-2.5°	27.4	16.4	5.5	0.0
-5°	27.4	16.4	5.5	0.0
-7.5°	27.4	16.4	5.5	0.0
-10°	27.4	16.4	5.5	0.0
-12.5°	32.9	16.4	5.5	0.0
-15°	32.9	16.4	5.5	0.0
-17.5°	32.9	16.4	5.5	0.0
-20°	32.9	16.4	5.5	0.0



REPORT NUMBER: P722711

CATALOG NUMBER: IFLD-L-SA8C-935-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	32.9	16.4	5.5	0.0
-25°	32.9	16.4	5.5	0.0
-27.5°	32.9	16.4	5.5	0.0
-30°	32.9	16.4	5.5	0.0
-32.5°	32.9	16.4	5.5	0.0
-35°	32.9	16.4	5.5	0.0
-37.5°	32.9	16.4	5.5	0.0
-40°	32.9	16.4	5.5	0.0
-42.5°	27.4	16.4	5.5	0.0
-45°	32.9	16.4	5.5	0.0
-47.5°	32.9	16.4	5.5	0.0
-50°	32.9	16.4	5.5	0.0
-52.5°	32.9	16.4	5.5	0.0
-55°	32.9	16.4	5.5	0.0
-57.5°	32.9	16.4	5.5	0.0
-60°	32.9	16.4	5.5	0.0
-62.5°	27.4	16.4	5.5	0.0
-65°	27.4	11.0	5.5	0.0
-67.5°	27.4	11.0	5.5	0.0
-70°	27.4	11.0	5.5	0.0
-72.5°	21.9	11.0	5.5	0.0
-75°	21.9	11.0	5.5	0.0
-77.5°	16.4	5.5	0.0	0.0
-80°	16.4	5.5	0.0	0.0
-82.5°	11.0	5.5	0.0	0.0
-85°	5.5	5.5	0.0	0.0
-87.5°	5.5	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)