

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: P722421

Luminaire Tested: **IFLD-L-SA8C-727-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722421
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA8C-727-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (128) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

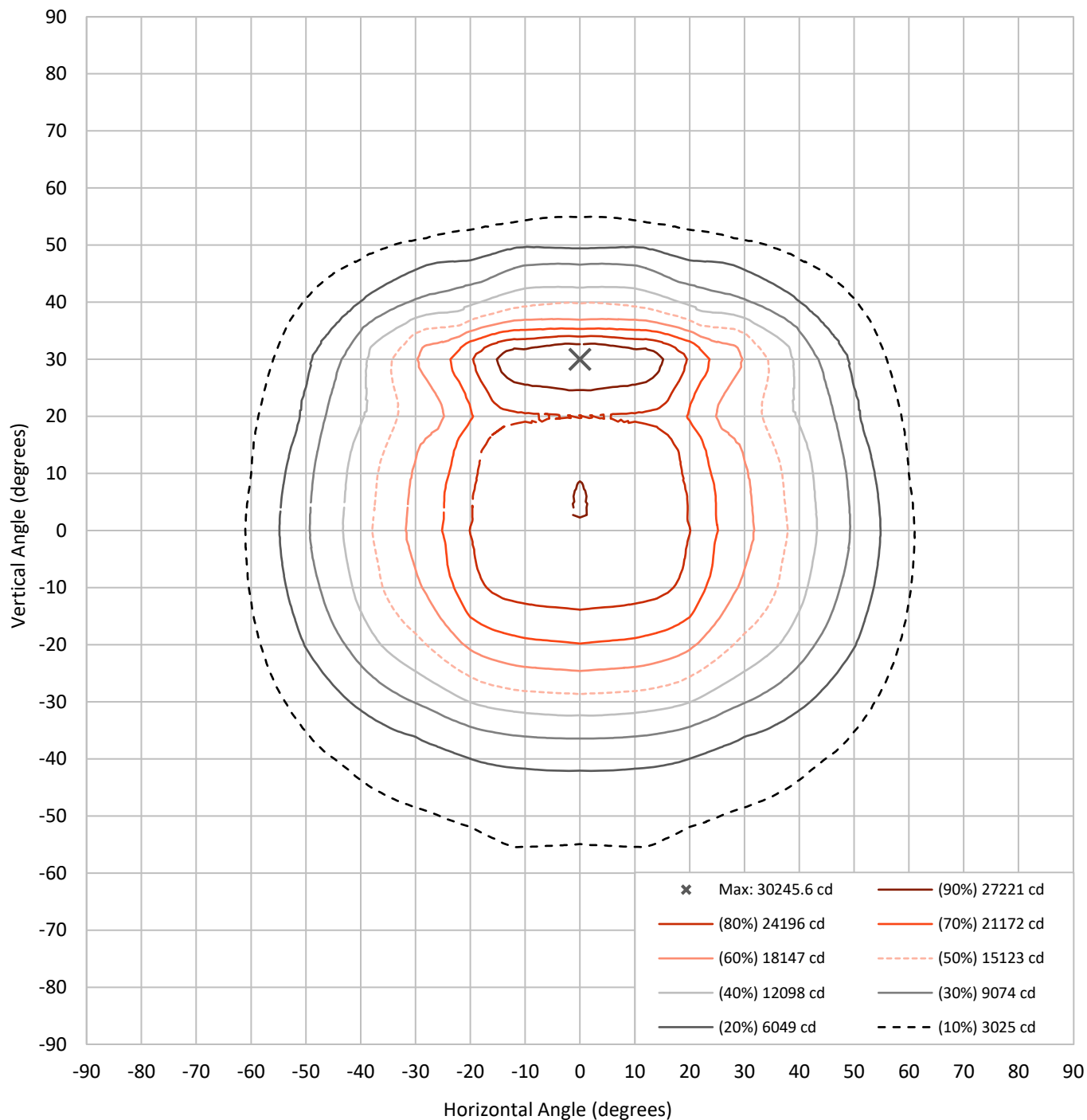
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	43324.9 lumens	Max Intensity:	30245.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	103.1 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	68.6°H x 68.4°V	Field Angle (10%):	111.9°H x 109.7°V
Beam Lumens:	27639.4 lumens	Field Lumens:	40845.6 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: P722421

CATALOG NUMBER: IFLD-L-SA8C-727-U-76-VI

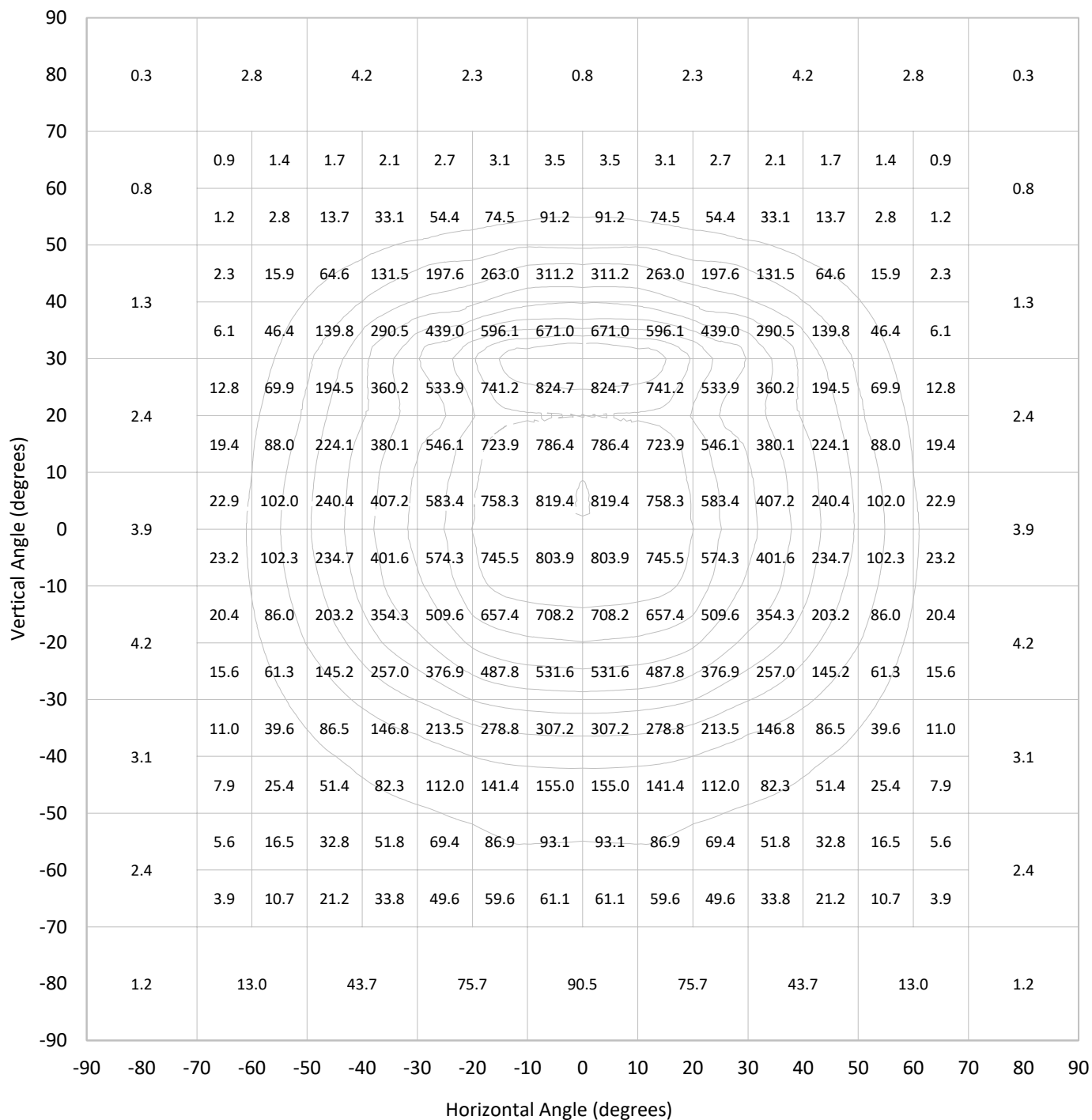
Iso-Candela Plot



REPORT NUMBER: P722421

CATALOG NUMBER: IFLD-L-SA8C-727-U-76-VI

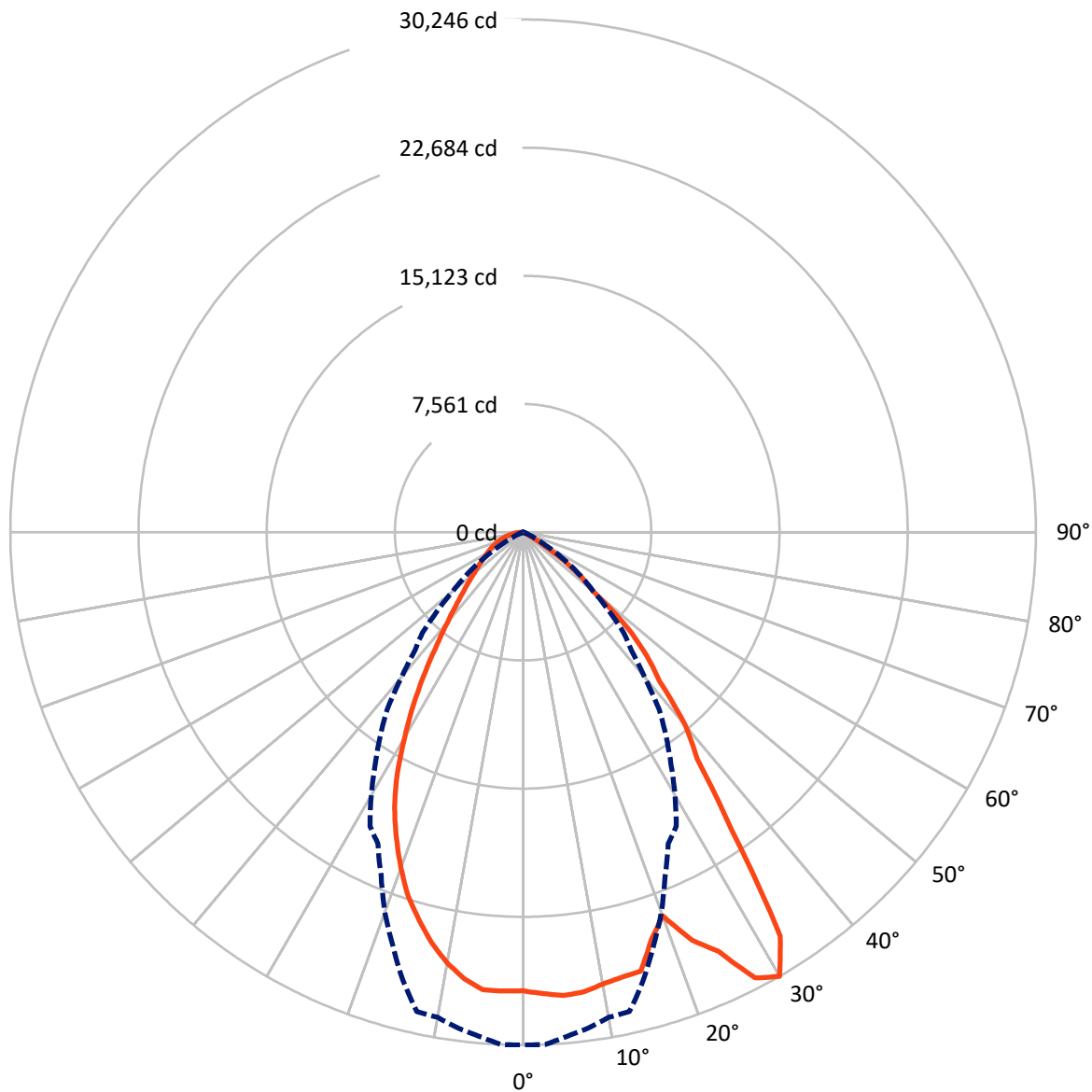
Lumen Table



REPORT NUMBER: P722421

CATALOG NUMBER: IFLD-L-SA8C-727-U-76-VI

Luminous Intensity Polar Plot



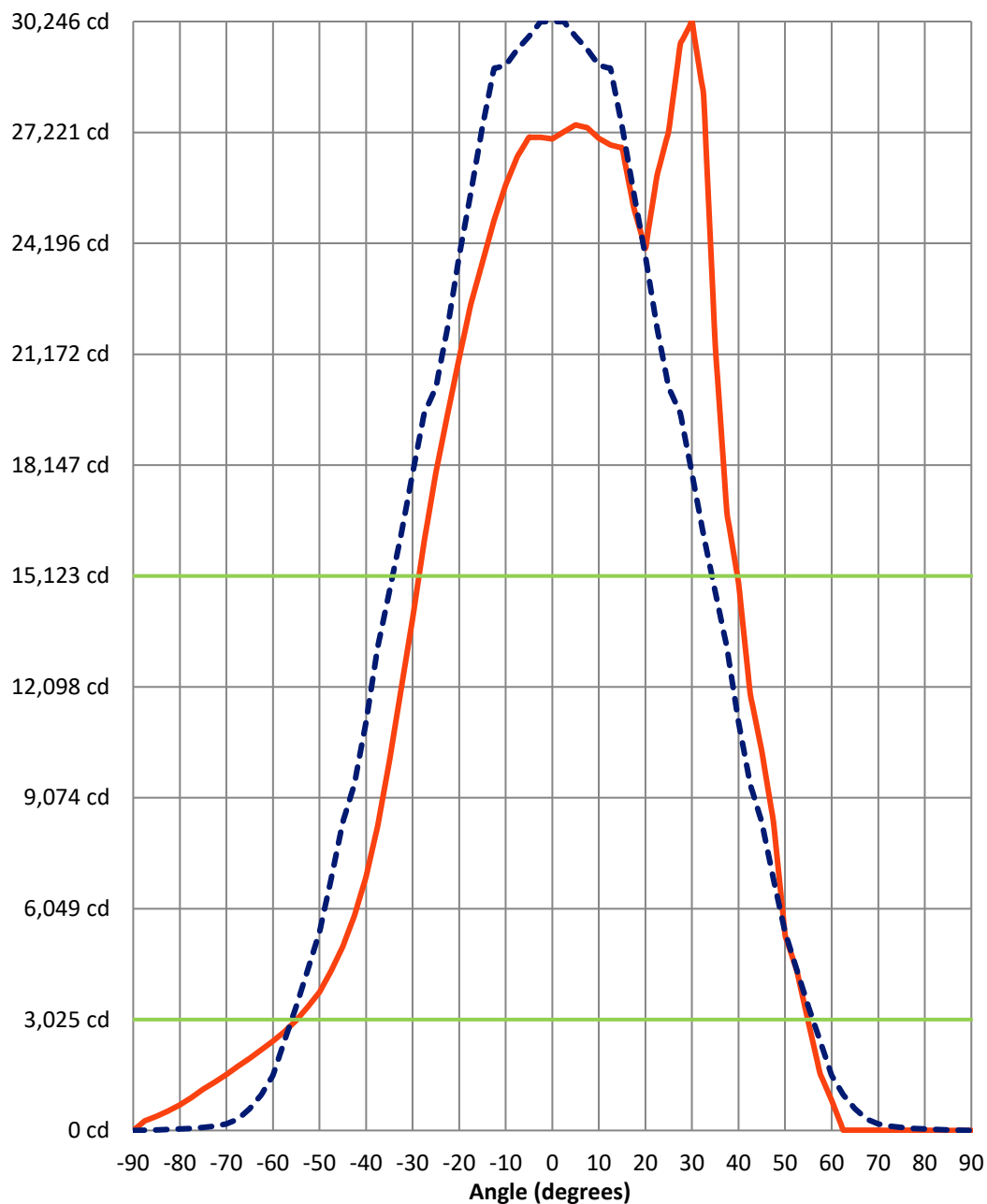
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

REPORT NUMBER: P722421

CATALOG NUMBER: IFLD-L-SA8C-727-U-76-VI

Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 27639.4

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 40845.6

Efficiency: 94.3%

Spill:

Lumens: 2479.3

Efficiency: 5.7%

— Vertical Distribution through 0-Deg

- - - Horizontal Distribution through 30-Deg

REPORT NUMBER: P722421

CATALOG NUMBER: IFLD-L-SA8C-727-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	6.9	6.9	6.9	6.9	6.9	6.9	6.9
85°	0.0	6.9	6.9	6.9	13.8	13.8	13.8	13.8	13.8	13.8	20.7
82.5°	0.0	6.9	6.9	6.9	13.8	13.8	13.8	13.8	20.7	20.7	27.6
80°	6.9	6.9	6.9	6.9	13.8	13.8	13.8	20.7	20.7	27.6	27.6
77.5°	6.9	6.9	6.9	13.8	13.8	13.8	20.7	20.7	27.6	27.6	34.5
75°	6.9	6.9	6.9	13.8	13.8	20.7	20.7	20.7	27.6	27.6	34.5
72.5°	0.0	6.9	6.9	13.8	13.8	20.7	20.7	20.7	27.6	27.6	27.6
70°	6.9	6.9	6.9	13.8	13.8	20.7	20.7	20.7	27.6	27.6	27.6
67.5°	6.9	6.9	6.9	13.8	13.8	20.7	20.7	27.6	27.6	27.6	34.5
65°	6.9	6.9	6.9	13.8	20.7	20.7	27.6	34.5	34.5	41.4	48.3
62.5°	6.9	13.8	13.8	20.7	27.6	34.5	75.9	117.3	117.3	82.8	69.0
60°	820.8	889.8	882.9	800.1	696.6	586.3	565.6	544.9	503.5	441.4	462.1
57.5°	1558.8	1641.6	1676.1	1655.4	1600.2	1503.7	1448.5	1386.4	1303.6	1207.1	1096.7
55°	2952.1	2986.6	2910.7	2765.9	2607.3	2448.6	2393.4	2310.7	2186.5	2062.4	1896.8
52.5°	4366.1	4483.4	4448.9	4304.0	4090.2	3807.4	3497.0	3255.6	3110.8	2972.8	2807.3
50°	5331.8	5380.1	5476.6	5649.1	5711.1	5518.0	5014.5	4366.1	3904.0	4138.5	3959.2
47.5°	8415.0	8656.4	8608.1	8483.9	8277.0	7752.8	7049.3	6469.9	5987.0	5828.4	5856.0
45°	10339.4	10435.9	10401.4	10346.3	10249.7	9760.0	8980.6	8090.8	7642.4	7463.1	7276.9
42.5°	11918.9	12022.4	12043.0	12049.9	11946.5	11498.1	10794.6	9904.8	9456.5	8939.2	8532.2
40°	14933.1	15084.8	14912.4	14684.8	14339.9	13829.5	13139.7	12318.9	11525.7	10891.2	10408.3
37.5°	16857.5	17043.7	17112.7	17098.9	17023.0	16802.3	15953.9	15174.5	13960.6	12539.7	12794.9
35°	21423.7	21616.8	21561.6	21354.7	21244.3	21009.8	20182.1	19257.8	17733.5	16188.4	15774.6
32.5°	28231.5	28652.2	27865.9	27003.7	26472.6	26658.9	25817.4	23555.0	22851.4	20064.8	18775.0
30°	30245.6	30238.7	29838.6	29486.8	29052.3	28962.6	27376.2	25569.1	23844.7	21892.7	20264.9
27.5°	29631.7	29507.5	29169.6	28914.3	28507.4	28293.6	26741.6	25306.9	23313.6	21568.5	19995.9
25°	27265.8	27362.4	27017.5	26969.2	26810.6	26396.8	25624.2	24010.2	22230.7	20299.4	19168.2
22.5°	26045.0	26010.5	25596.6	25355.2	25548.4	25106.9	24796.5	23168.7	21313.3	19685.5	18326.7
20°	24058.5	24065.4	23961.9	23941.2	23824.0	23624.0	23375.6	22223.8	20913.2	19519.9	17885.2
17.5°	25169.0	25451.8	25576.0	24548.2	24837.9	24610.3	24348.2	22741.1	21754.7	20520.1	18388.8
15°	26796.8	26693.3	26569.2	26514.0	26355.4	26141.5	25665.6	24382.7	22685.9	21409.9	19747.6
12.5°	26879.6	26679.6	26631.3	26624.4	26458.8	26162.2	25700.1	24637.9	23134.2	21582.3	20230.4
10°	27058.9	26852.0	26824.4	26858.9	26603.7	26417.4	25955.3	24969.0	23272.2	21878.9	20602.8
7.5°	27348.6	27003.7	27162.4	27058.9	26941.7	26645.1	26148.4	25182.8	23775.7	22272.0	20933.9
5°	27424.5	27045.1	27217.6	27121.0	26948.6	26658.9	26120.9	25320.7	24086.1	22430.7	21065.0
2.5°	27238.3	27127.9	27052.0	26872.7	26796.8	26479.5	25969.1	25113.8	23941.2	22361.7	21037.4
0°	27045.1	27141.7	26969.2	26789.9	26755.4	26500.2	26065.7	25293.2	24279.2	22554.8	21271.9
-2.5°	27086.5	27010.6	26893.4	26707.1	26527.8	26162.2	25769.1	25044.8	23955.0	22134.1	20940.8
-5°	27086.5	26734.7	26748.5	26755.4	26576.1	26196.7	25720.8	25106.9	23761.9	22127.2	20844.3
-7.5°	26562.3	26258.8	26210.5	26169.1	26120.9	25769.1	25396.6	24631.0	23437.7	21947.9	20575.3
-10°	25789.8	25493.2	25520.8	25458.7	25306.9	25072.4	24789.6	24099.9	23120.4	21382.3	20030.4
-12.5°	24824.1	24693.1	24617.2	24513.7	24362.0	24155.1	23865.4	23217.0	22168.6	20685.6	19402.7
-15°	23679.1	23582.6	23513.6	23451.5	23230.8	23017.0	22637.6	22037.5	21382.3	19788.9	18478.4
-17.5°	22534.2	22292.7	22196.2	22113.4	21968.6	21623.7	21278.8	20830.5	19913.1	18650.9	17526.6
-20°	21065.0	20920.1	20802.9	20692.5	20485.6	20216.6	19933.8	19416.5	18623.3	17602.4	16436.8



REPORT NUMBER: P722421

CATALOG NUMBER: IFLD-L-SA8C-727-U-76-VI

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	19526.8	19444.1	19347.5	19209.6	19071.6	18816.4	18423.2	17926.6	17305.8	16202.2	15112.4
-25°	17940.4	17781.8	17664.5	17533.5	17423.1	17188.6	16809.2	16333.3	15553.9	14602.0	13691.5
-27.5°	16071.2	15919.4	15857.4	15705.6	15609.1	15395.2	15015.9	14574.4	13870.9	13070.8	12146.5
-30°	13960.6	13988.1	13919.2	13774.3	13657.1	13381.2	13091.5	12719.0	12167.2	11401.6	10573.9
-32.5°	12008.6	12043.0	11960.3	11808.5	11656.8	11456.8	11187.8	10849.8	10435.9	9704.8	8987.4
-35°	10056.6	10042.8	9973.8	9884.1	9780.7	9615.1	9311.6	9056.4	8580.5	8070.1	7573.5
-37.5°	8304.6	8339.1	8318.4	8270.1	8152.9	8014.9	7766.6	7532.1	7180.3	6732.0	6345.7
-40°	6918.2	6959.6	6932.0	6883.7	6780.2	6697.5	6531.9	6325.0	6042.2	5656.0	5331.8
-42.5°	5856.0	5883.6	5849.1	5807.7	5718.0	5656.0	5524.9	5352.5	5117.9	4821.4	4531.7
-45°	5014.5	5021.4	4986.9	4959.3	4890.3	4814.5	4704.1	4566.1	4379.9	4173.0	3938.5
-47.5°	4352.3	4345.4	4310.9	4283.4	4228.2	4159.2	4069.5	3945.4	3800.5	3641.9	3455.7
-50°	3772.9	3807.4	3793.6	3766.0	3724.7	3676.4	3586.7	3455.7	3310.8	3193.5	3062.5
-52.5°	3372.9	3379.8	3372.9	3372.9	3366.0	3331.5	3228.0	3097.0	2938.3	2834.9	2724.5
-55°	3000.4	3034.9	3048.7	3062.5	3069.4	3069.4	2945.2	2807.3	2655.5	2552.1	2469.3
-57.5°	2696.9	2717.6	2731.4	2765.9	2793.5	2814.2	2703.8	2579.7	2462.4	2365.8	2290.0
-60°	2434.8	2462.4	2483.1	2517.6	2538.3	2552.1	2483.1	2400.3	2331.4	2269.3	2158.9
-62.5°	2200.3	2221.0	2241.7	2262.4	2283.1	2296.9	2269.3	2227.9	2193.4	2165.8	2027.9
-65°	1965.8	1986.5	2007.2	2034.8	2055.5	2069.3	2062.4	2034.8	2007.2	1979.6	1855.4
-67.5°	1752.0	1772.7	1800.2	1807.1	1820.9	1827.8	1814.0	1793.4	1758.9	1724.4	1627.8
-70°	1524.3	1538.1	1551.9	1551.9	1551.9	1545.0	1531.2	1503.7	1469.2	1420.9	1345.0
-72.5°	1317.4	1331.2	1345.0	1324.3	1310.5	1289.8	1269.1	1234.7	1200.2	1165.7	1124.3
-75°	1124.3	1131.2	1131.2	1103.6	1082.9	1062.2	1034.6	1013.9	979.4	951.9	917.4
-77.5°	896.7	896.7	896.7	876.0	862.2	848.4	827.7	807.0	779.4	758.7	731.1
-80°	696.6	696.6	696.6	689.8	669.1	655.3	641.5	627.7	607.0	593.2	579.4
-82.5°	531.1	531.1	531.1	524.2	510.4	503.5	489.7	475.9	469.0	455.2	448.3
-85°	386.3	393.2	393.2	386.3	379.4	365.6	358.7	351.8	344.9	338.0	324.2
-87.5°	262.1	262.1	262.1	255.2	248.3	248.3	241.4	227.6	213.8	206.9	200.0
-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: P722421

CATALOG NUMBER: IFLD-L-SA8C-727-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°	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9
85°	20.7	20.7	20.7	27.6	27.6	27.6	27.6	27.6	27.6	27.6	20.7
82.5°	34.5	34.5	41.4	41.4	48.3	48.3	48.3	48.3	48.3	48.3	48.3
80°	34.5	41.4	48.3	55.2	62.1	69.0	69.0	69.0	69.0	62.1	62.1
77.5°	41.4	41.4	48.3	55.2	62.1	69.0	75.9	82.8	75.9	75.9	75.9
75°	41.4	48.3	48.3	55.2	62.1	69.0	75.9	82.8	82.8	82.8	82.8
72.5°	34.5	41.4	48.3	55.2	55.2	62.1	69.0	69.0	75.9	75.9	82.8
70°	34.5	41.4	48.3	48.3	55.2	55.2	62.1	69.0	69.0	75.9	75.9
67.5°	41.4	48.3	48.3	55.2	62.1	62.1	62.1	69.0	69.0	75.9	75.9
65°	48.3	55.2	55.2	62.1	69.0	69.0	75.9	75.9	75.9	82.8	82.8
62.5°	82.8	82.8	82.8	75.9	82.8	82.8	82.8	89.7	89.7	82.8	89.7
60°	427.6	310.4	213.8	269.0	241.4	110.4	110.4	110.4	103.5	103.5	96.6
57.5°	1007.0	938.1	807.0	682.9	613.9	544.9	338.0	138.0	138.0	124.2	110.4
55°	1683.0	1455.4	1358.8	1193.3	1013.9	931.2	772.5	524.2	248.3	165.5	144.8
52.5°	2607.3	2393.4	2145.1	1807.1	1565.7	1372.6	1241.6	986.3	662.2	351.8	220.7
50°	3490.1	3393.6	3241.8	2910.7	2407.2	2083.0	1869.2	1579.5	1186.4	724.2	413.9
47.5°	5621.5	4814.5	4324.7	4069.5	3648.8	3034.9	2621.1	2296.9	1820.9	1220.9	731.1
45°	7076.8	6566.4	5787.0	5249.0	4628.2	3979.9	3441.9	3069.4	2503.8	1827.8	1145.0
42.5°	8325.3	7883.8	7180.3	6394.0	5738.7	4890.3	4200.6	3710.9	3234.9	2496.9	1710.6
40°	9932.4	9408.2	8732.2	7966.6	7201.0	6118.1	5000.7	4407.5	3883.3	3228.0	2310.7
37.5°	12581.1	11656.8	10553.2	9704.8	8704.7	7787.3	6256.0	5207.6	4586.8	3904.0	3014.2
35°	15767.7	14753.8	12912.1	11787.8	10449.7	9084.0	7704.5	6152.6	5269.7	4545.5	3662.6
32.5°	18733.6	17250.7	14891.7	13574.3	12684.5	10166.9	8739.1	7394.1	5973.2	5083.5	4035.0
30°	19554.4	17919.7	16229.8	14691.7	13174.2	11139.5	9449.6	8401.2	6856.1	5407.6	4386.8
27.5°	18726.7	17602.4	16291.9	14864.1	13222.5	11477.4	9884.1	8884.0	7504.5	5628.4	4662.7
25°	17885.2	16712.7	15795.3	14602.0	13084.6	11456.8	9897.9	9187.5	8008.0	6056.0	4814.5
22.5°	16995.5	16264.3	15505.6	14174.4	12739.7	11518.8	10346.3	9449.6	8270.1	6538.8	4876.5
20°	17043.7	16567.8	15733.2	13953.7	12677.6	11884.4	10884.3	9780.7	8552.9	6959.6	4924.8
17.5°	17816.3	17195.5	16147.1	14602.0	13236.3	12256.9	11332.6	10235.9	8842.6	7332.0	5511.1
15°	18768.1	17823.2	16726.5	15367.6	13822.6	12663.8	11677.5	10553.2	9173.7	7676.9	6035.3
12.5°	19457.9	18112.9	17085.1	15857.4	14457.2	13105.3	11905.1	10794.6	9484.1	7959.7	6428.5
10°	19692.4	18471.5	17257.6	16160.9	14781.4	13339.8	12077.5	10946.3	9753.1	8180.4	6718.2
7.5°	19816.5	18781.9	17374.8	16298.8	14974.5	13484.6	12215.5	11029.1	9966.9	8332.2	6904.4
5°	19802.7	18947.4	17464.5	16340.2	15077.9	13546.7	12312.0	11049.8	10118.6	8463.2	7014.8
2.5°	19740.7	19057.8	17609.3	16409.2	15284.9	13664.0	12498.3	11091.2	10173.8	8608.1	7090.6
0°	19968.3	19064.7	17761.1	16429.9	15422.8	13705.3	12581.1	11056.7	10097.9	8649.5	7083.7
-2.5°	19478.6	18657.8	17726.6	16250.5	15236.6	13608.8	12429.3	10946.3	9932.4	8601.2	7056.1
-5°	19395.8	18361.2	17436.9	16085.0	14926.2	13408.8	12146.5	10739.4	9670.3	8442.5	6945.8
-7.5°	19175.1	18078.4	17154.1	15953.9	14636.5	13201.8	11877.5	10525.6	9387.5	8194.2	6787.1
-10°	18692.2	17643.8	16850.6	15671.1	14284.7	12905.2	11553.3	10242.8	9056.4	7856.3	6538.8
-12.5°	18002.5	16954.1	16167.8	15071.1	13843.3	12505.2	11167.1	9877.2	8677.1	7497.6	6242.2
-15°	17223.1	16160.9	15374.5	14374.4	13188.0	11884.4	10677.3	9415.1	8242.5	7118.2	5890.5
-17.5°	16340.2	15333.2	14574.4	13601.9	12422.4	11180.9	9980.7	8835.7	7739.0	6725.1	5483.5
-20°	15319.4	14339.9	13643.3	12670.7	11587.8	10380.7	9215.1	8132.2	7145.8	6194.0	5035.2

REPORT NUMBER: P722421

CATALOG NUMBER: IFLD-L-SA8C-727-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°	14057.1	13194.9	12401.7	11532.6	10587.7	9484.1	8401.2	7442.4	6497.5	5566.3	4573.0
-25°	12767.3	11932.7	11160.2	10367.0	9463.4	8511.5	7587.3	6718.2	5793.9	4952.4	4124.7
-27.5°	11332.6	10587.7	9897.9	9166.8	8339.1	7518.3	6759.6	5911.2	5111.1	4393.7	3683.3
-30°	9801.4	9194.4	8594.3	7945.9	7276.9	6587.1	5911.2	5111.1	4483.4	3910.9	3310.8
-32.5°	8332.2	7787.3	7304.5	6821.6	6242.2	5676.6	5076.6	4483.4	3959.2	3455.7	2952.1
-35°	7042.4	6463.0	6194.0	5807.7	5345.6	4835.2	4345.4	3931.6	3510.8	3055.6	2607.3
-37.5°	5925.0	5552.5	5235.2	4945.5	4579.9	4138.5	3786.7	3448.8	3097.0	2683.1	2296.9
-40°	5049.0	4780.0	4462.7	4248.9	3952.3	3635.0	3283.2	3000.4	2703.8	2365.8	2048.6
-42.5°	4345.4	4124.7	3917.8	3690.2	3469.4	3200.4	2897.0	2627.9	2358.9	2110.6	1848.5
-45°	3766.0	3607.4	3441.9	3255.6	3062.5	2828.0	2579.7	2303.8	2110.6	1889.9	1669.2
-47.5°	3290.1	3172.9	3034.9	2890.1	2724.5	2517.6	2290.0	2089.9	1889.9	1703.7	1489.9
-50°	2910.7	2800.4	2690.0	2565.9	2421.0	2241.7	2069.3	1883.0	1696.8	1517.5	1317.4
-52.5°	2593.5	2496.9	2407.2	2303.8	2165.8	2014.1	1855.4	1689.9	1517.5	1338.1	1179.5
-55°	2372.7	2262.4	2172.7	2069.3	1945.1	1800.2	1655.4	1503.7	1338.1	1200.2	1069.1
-57.5°	2193.4	2069.3	1965.8	1855.4	1731.3	1607.1	1476.1	1338.1	1214.0	1082.9	958.8
-60°	2041.7	1896.8	1779.6	1669.2	1551.9	1434.7	1324.3	1207.1	1089.8	972.5	848.4
-62.5°	1883.0	1731.3	1586.4	1483.0	1393.3	1289.8	1193.3	1082.9	979.4	862.2	772.5
-65°	1703.7	1558.8	1420.9	1331.2	1248.4	1158.8	1069.1	972.5	882.9	793.2	710.4
-67.5°	1503.7	1379.5	1282.9	1200.2	1117.4	1041.5	958.8	876.0	800.1	710.4	627.7
-70°	1262.2	1193.3	1138.1	1076.0	1000.1	931.2	855.3	779.4	696.6	620.8	544.9
-72.5°	1076.0	1034.6	993.2	931.2	862.2	800.1	738.0	669.1	600.1	531.1	469.0
-75°	882.9	848.4	813.9	772.5	717.3	669.1	613.9	551.8	496.6	448.3	400.1
-77.5°	710.4	682.9	662.2	627.7	586.3	544.9	510.4	469.0	427.6	379.4	331.1
-80°	565.6	551.8	544.9	531.1	496.6	462.1	434.5	400.1	358.7	324.2	289.7
-82.5°	441.4	441.4	434.5	427.6	400.1	372.5	351.8	324.2	296.6	269.0	234.5
-85°	324.2	317.3	317.3	310.4	289.7	275.9	255.2	241.4	220.7	193.1	179.3
-87.5°	193.1	186.2	179.3	172.4	158.6	151.7	138.0	131.1	117.3	103.5	96.6
-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: P722421

CATALOG NUMBER: IFLD-L-SA8C-727-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°	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	0.0	0.0
85°	20.7	13.8	13.8	13.8	13.8	13.8	6.9	6.9	6.9	6.9	6.9
82.5°	41.4	41.4	34.5	34.5	27.6	20.7	13.8	13.8	13.8	6.9	6.9
80°	62.1	62.1	62.1	55.2	48.3	34.5	27.6	20.7	13.8	6.9	6.9
77.5°	75.9	69.0	69.0	62.1	62.1	55.2	41.4	34.5	20.7	13.8	6.9
75°	75.9	75.9	75.9	69.0	69.0	62.1	55.2	41.4	34.5	20.7	13.8
72.5°	82.8	75.9	75.9	75.9	69.0	62.1	55.2	48.3	41.4	27.6	13.8
70°	75.9	75.9	75.9	75.9	69.0	69.0	55.2	48.3	48.3	27.6	20.7
67.5°	75.9	75.9	75.9	69.0	69.0	62.1	55.2	48.3	48.3	34.5	20.7
65°	82.8	75.9	75.9	75.9	69.0	62.1	55.2	48.3	48.3	41.4	27.6
62.5°	89.7	82.8	82.8	75.9	69.0	62.1	55.2	48.3	48.3	41.4	27.6
60°	96.6	89.7	82.8	82.8	75.9	69.0	55.2	55.2	48.3	41.4	27.6
57.5°	103.5	96.6	96.6	89.7	82.8	75.9	62.1	55.2	48.3	41.4	34.5
55°	124.2	110.4	103.5	103.5	96.6	82.8	69.0	55.2	48.3	41.4	34.5
52.5°	165.5	131.1	117.3	117.3	110.4	96.6	75.9	62.1	48.3	41.4	34.5
50°	262.1	165.5	138.0	124.2	124.2	110.4	89.7	69.0	48.3	41.4	34.5
47.5°	413.9	275.9	165.5	144.8	138.0	131.1	103.5	69.0	55.2	41.4	34.5
45°	682.9	407.0	269.0	172.4	144.8	138.0	117.3	75.9	55.2	48.3	34.5
42.5°	938.1	634.6	413.9	206.9	172.4	151.7	124.2	82.8	62.1	48.3	34.5
40°	1476.1	869.1	579.4	338.0	200.0	158.6	138.0	96.6	62.1	48.3	34.5
37.5°	2000.3	1151.9	779.4	496.6	227.6	179.3	144.8	103.5	69.0	48.3	41.4
35°	2524.5	1614.0	965.7	662.2	303.5	213.8	151.7	110.4	69.0	48.3	41.4
32.5°	2993.5	2048.6	1158.8	827.7	455.2	255.2	165.5	117.3	75.9	55.2	41.4
30°	3379.8	2448.6	1503.7	972.5	593.2	310.4	179.3	117.3	82.8	55.2	41.4
27.5°	3669.5	2759.0	1855.4	1124.3	710.4	365.6	206.9	131.1	82.8	55.2	41.4
25°	3904.0	3000.4	2165.8	1282.9	813.9	455.2	248.3	138.0	89.7	62.1	41.4
22.5°	4090.2	3200.4	2421.0	1496.8	938.1	544.9	303.5	151.7	89.7	62.1	41.4
20°	4345.4	3400.5	2593.5	1724.4	1069.1	627.7	351.8	165.5	89.7	62.1	48.3
17.5°	4566.1	3600.5	2731.4	1917.5	1200.2	689.8	407.0	179.3	96.6	62.1	48.3
15°	4821.4	3793.6	2855.6	2069.3	1324.3	744.9	455.2	193.1	96.6	69.0	48.3
12.5°	5097.3	3973.0	2945.2	2193.4	1455.4	793.2	496.6	220.7	103.5	69.0	48.3
10°	5380.1	4124.7	3021.1	2283.1	1551.9	841.5	524.2	248.3	110.4	69.0	48.3
7.5°	5662.9	4262.7	3117.7	2324.5	1593.3	896.7	538.0	275.9	110.4	75.9	48.3
5°	5856.0	4352.3	3255.6	2352.0	1614.0	958.8	558.7	310.4	117.3	75.9	48.3
2.5°	6021.5	4407.5	3400.5	2372.7	1620.9	993.2	551.8	331.1	124.2	75.9	48.3
0°	6097.4	4407.5	3497.0	2358.9	1600.2	1027.7	551.8	351.8	124.2	75.9	48.3
-2.5°	5980.1	4531.7	3469.4	2365.8	1607.1	1027.7	579.4	358.7	138.0	82.8	48.3
-5°	5793.9	4579.9	3386.7	2331.4	1593.3	1027.7	613.9	365.6	144.8	82.8	55.2
-7.5°	5614.6	4600.6	3290.1	2296.9	1572.6	1000.1	620.8	358.7	158.6	89.7	55.2
-10°	5380.1	4373.0	3166.0	2234.8	1531.2	979.4	634.6	358.7	165.5	89.7	55.2
-12.5°	5111.1	4097.1	3014.2	2145.1	1483.0	958.8	641.5	358.7	172.4	96.6	55.2
-15°	4800.7	3814.3	2841.8	2048.6	1414.0	931.2	627.7	351.8	179.3	96.6	62.1
-17.5°	4448.9	3538.4	2662.4	1931.3	1338.1	896.7	600.1	344.9	179.3	96.6	62.1
-20°	4048.8	3262.5	2462.4	1814.0	1248.4	855.3	572.5	331.1	179.3	96.6	62.1



REPORT NUMBER: P722421

CATALOG NUMBER: IFLD-L-SA8C-727-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	3690.2	3007.3	2255.5	1683.0	1151.9	807.0	538.0	317.3	179.3	103.5	62.1
-25°	3393.6	2759.0	2096.8	1551.9	1048.4	751.8	503.5	303.5	179.3	103.5	62.1
-27.5°	3083.2	2490.0	1931.3	1427.8	979.4	703.5	469.0	289.7	172.4	103.5	62.1
-30°	2765.9	2227.9	1758.9	1289.8	910.5	655.3	441.4	269.0	172.4	103.5	62.1
-32.5°	2476.2	2014.1	1600.2	1151.9	834.6	607.0	413.9	262.1	165.5	103.5	62.1
-35°	2193.4	1820.9	1434.7	1041.5	751.8	558.7	386.3	255.2	165.5	103.5	62.1
-37.5°	1958.9	1641.6	1282.9	965.7	703.5	517.3	358.7	241.4	158.6	103.5	62.1
-40°	1765.8	1476.1	1138.1	882.9	662.2	475.9	331.1	234.5	158.6	103.5	62.1
-42.5°	1586.4	1317.4	1048.4	813.9	620.8	448.3	310.4	227.6	151.7	103.5	62.1
-45°	1427.8	1179.5	958.8	751.8	572.5	413.9	296.6	213.8	144.8	103.5	69.0
-47.5°	1269.1	1082.9	876.0	696.6	524.2	372.5	282.8	206.9	138.0	96.6	69.0
-50°	1145.0	979.4	807.0	634.6	475.9	358.7	269.0	193.1	138.0	96.6	69.0
-52.5°	1034.6	882.9	731.1	572.5	434.5	338.0	255.2	179.3	131.1	96.6	69.0
-55°	931.2	793.2	655.3	510.4	407.0	317.3	234.5	165.5	131.1	96.6	69.0
-57.5°	827.7	710.4	579.4	462.1	372.5	296.6	220.7	165.5	131.1	96.6	69.0
-60°	744.9	634.6	524.2	427.6	344.9	269.0	200.0	158.6	124.2	96.6	69.0
-62.5°	676.0	572.5	475.9	386.3	317.3	241.4	193.1	158.6	124.2	96.6	62.1
-65°	607.0	517.3	427.6	351.8	282.8	227.6	186.2	151.7	124.2	96.6	62.1
-67.5°	538.0	455.2	386.3	310.4	262.1	220.7	179.3	151.7	117.3	89.7	62.1
-70°	469.0	400.1	338.0	289.7	248.3	206.9	172.4	144.8	117.3	82.8	55.2
-72.5°	413.9	351.8	303.5	269.0	234.5	200.0	165.5	138.0	110.4	75.9	48.3
-75°	351.8	310.4	275.9	241.4	213.8	186.2	158.6	124.2	96.6	69.0	48.3
-77.5°	296.6	269.0	241.4	220.7	193.1	165.5	138.0	110.4	89.7	62.1	41.4
-80°	255.2	234.5	213.8	193.1	172.4	144.8	124.2	96.6	75.9	55.2	34.5
-82.5°	206.9	193.1	172.4	158.6	144.8	124.2	103.5	82.8	55.2	41.4	27.6
-85°	158.6	144.8	138.0	124.2	110.4	89.7	69.0	55.2	41.4	27.6	13.8
-87.5°	82.8	75.9	69.0	62.1	55.2	41.4	34.5	27.6	20.7	13.8	6.9
-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: P722421

CATALOG NUMBER: IFLD-L-SA8C-727-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°	6.9	0.0	0.0	0.0
77.5°	6.9	0.0	0.0	0.0
75°	6.9	6.9	0.0	0.0
72.5°	6.9	6.9	0.0	0.0
70°	6.9	6.9	0.0	0.0
67.5°	13.8	6.9	0.0	0.0
65°	13.8	6.9	0.0	0.0
62.5°	13.8	6.9	0.0	0.0
60°	13.8	6.9	0.0	0.0
57.5°	20.7	6.9	6.9	0.0
55°	20.7	6.9	6.9	0.0
52.5°	20.7	6.9	6.9	0.0
50°	20.7	13.8	6.9	0.0
47.5°	20.7	13.8	6.9	0.0
45°	20.7	13.8	6.9	0.0
42.5°	20.7	13.8	6.9	0.0
40°	27.6	13.8	6.9	0.0
37.5°	27.6	13.8	6.9	0.0
35°	27.6	13.8	6.9	0.0
32.5°	27.6	13.8	6.9	0.0
30°	27.6	13.8	6.9	0.0
27.5°	27.6	20.7	6.9	0.0
25°	27.6	20.7	6.9	0.0
22.5°	34.5	20.7	6.9	0.0
20°	34.5	20.7	6.9	0.0
17.5°	34.5	20.7	6.9	0.0
15°	34.5	20.7	6.9	0.0
12.5°	34.5	20.7	6.9	0.0
10°	34.5	20.7	6.9	0.0
7.5°	34.5	20.7	6.9	0.0
5°	34.5	20.7	6.9	0.0
2.5°	34.5	20.7	6.9	0.0
0°	34.5	20.7	6.9	0.0
-2.5°	34.5	20.7	6.9	0.0
-5°	34.5	20.7	6.9	0.0
-7.5°	34.5	20.7	6.9	0.0
-10°	34.5	20.7	6.9	0.0
-12.5°	41.4	20.7	6.9	0.0
-15°	41.4	20.7	6.9	0.0
-17.5°	41.4	20.7	6.9	0.0
-20°	41.4	20.7	6.9	0.0

REPORT NUMBER: P722421

CATALOG NUMBER: IFLD-L-SA8C-727-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	41.4	20.7	6.9	0.0
-25°	41.4	20.7	6.9	0.0
-27.5°	41.4	20.7	6.9	0.0
-30°	41.4	20.7	6.9	0.0
-32.5°	41.4	20.7	6.9	0.0
-35°	41.4	20.7	6.9	0.0
-37.5°	41.4	20.7	6.9	0.0
-40°	41.4	20.7	6.9	0.0
-42.5°	34.5	20.7	6.9	0.0
-45°	41.4	20.7	6.9	0.0
-47.5°	41.4	20.7	6.9	0.0
-50°	41.4	20.7	6.9	0.0
-52.5°	41.4	20.7	6.9	0.0
-55°	41.4	20.7	6.9	0.0
-57.5°	41.4	20.7	6.9	0.0
-60°	41.4	20.7	6.9	0.0
-62.5°	34.5	20.7	6.9	0.0
-65°	34.5	13.8	6.9	0.0
-67.5°	34.5	13.8	6.9	0.0
-70°	34.5	13.8	6.9	0.0
-72.5°	27.6	13.8	6.9	0.0
-75°	27.6	13.8	6.9	0.0
-77.5°	20.7	6.9	0.0	0.0
-80°	20.7	6.9	0.0	0.0
-82.5°	13.8	6.9	0.0	0.0
-85°	6.9	6.9	0.0	0.0
-87.5°	6.9	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)