

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: P722159

Luminaire Tested: **IFLD-L-SA8B-760-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722159
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA8B-760-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (128) 5700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

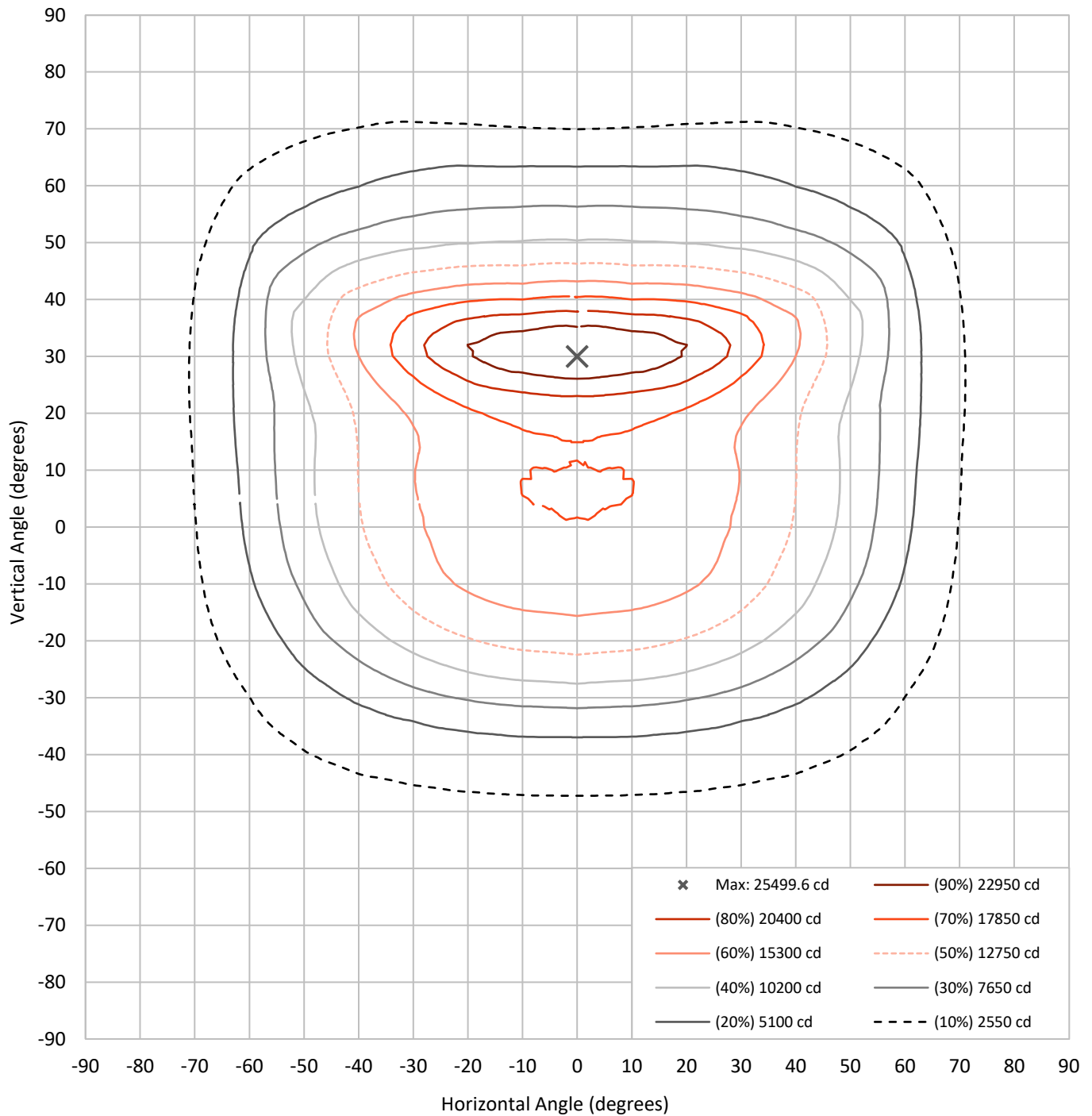
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	42565.3 lumens	Max Intensity:	25499.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	133.0 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	24752.2 lumens	Field Lumens:	39889.2 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



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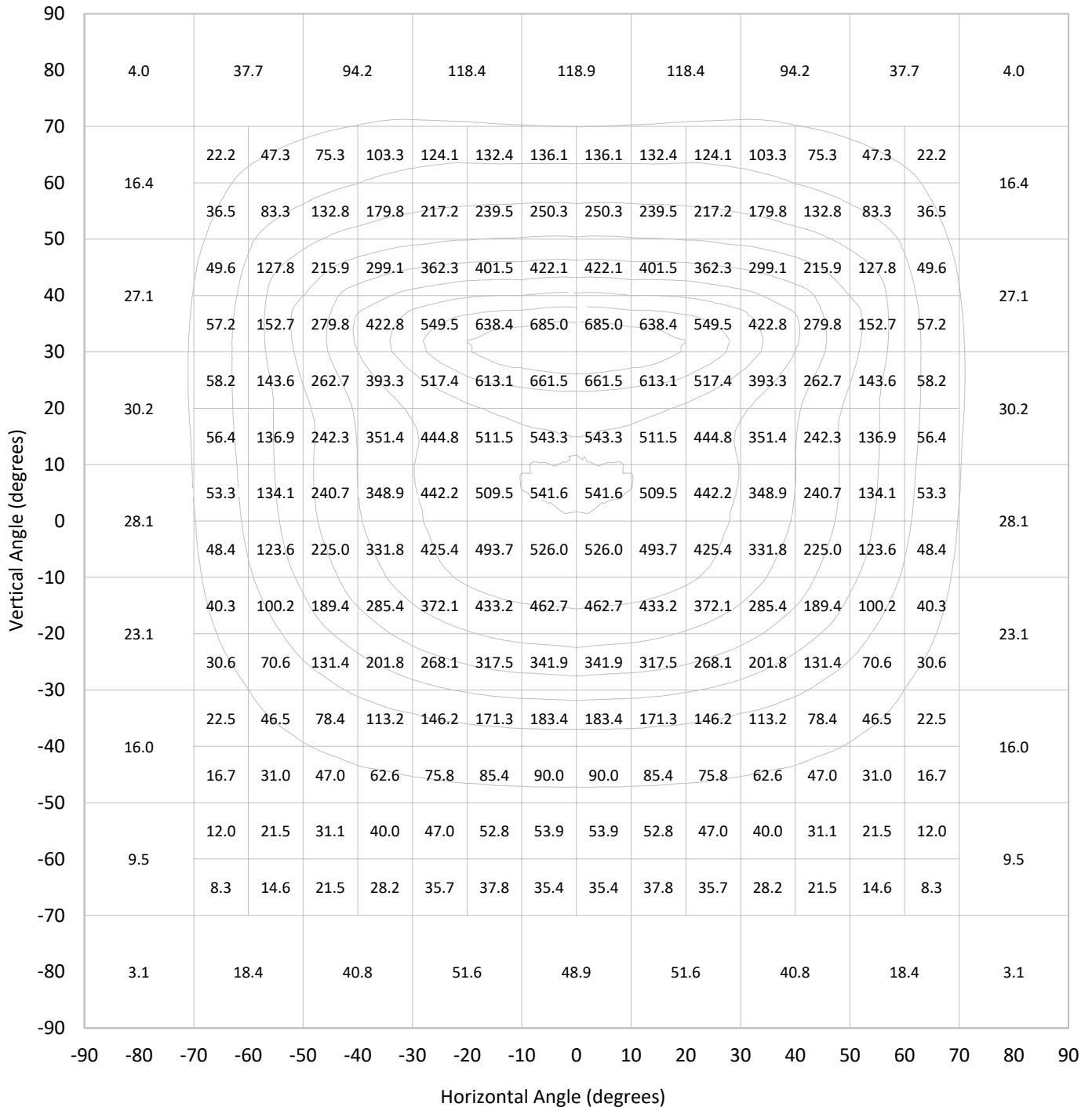
Iso-Candela Plot





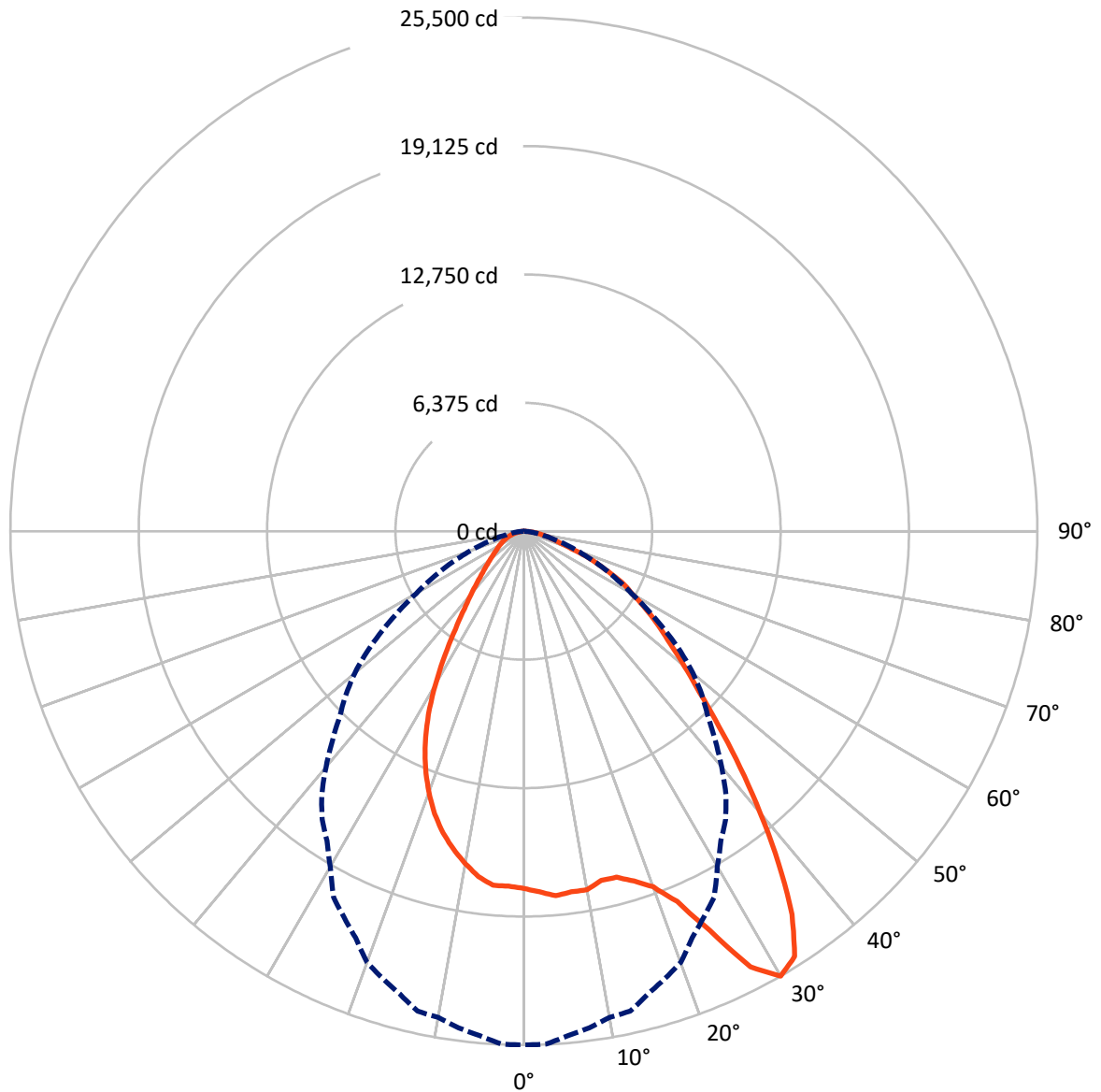
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Lumen Table



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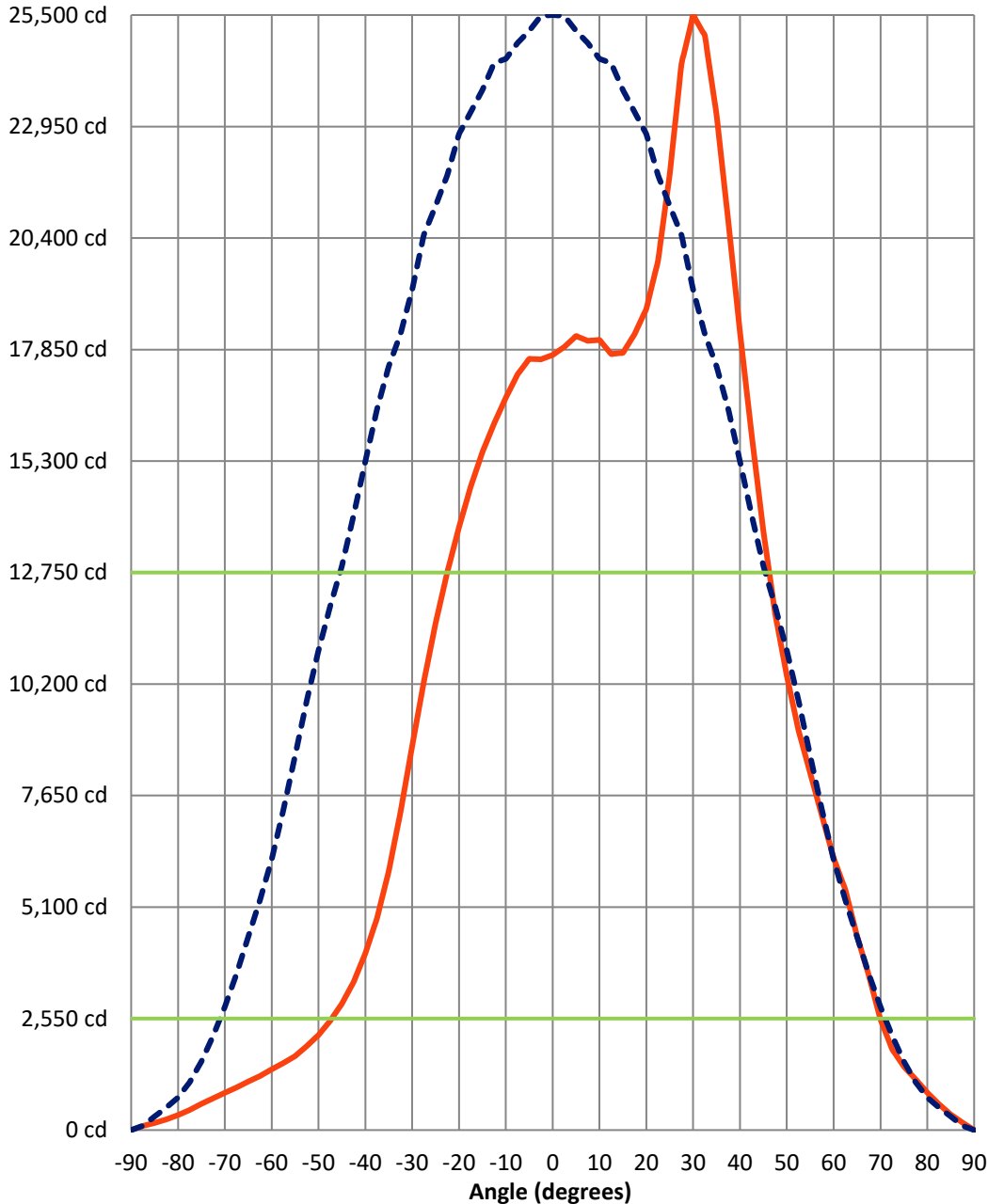
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 90.8°
 V Angle: 68.8°
 Lumens: 24752.2
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 39889.2
 Efficiency: 93.7%

Spill:
 Lumens: 2676.1
 Efficiency: 6.3%

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



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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°	171.4	175.9	180.4	180.4	175.9	175.9	175.9	171.4	175.9	175.9	175.9
85°	356.2	365.2	374.3	369.8	365.2	356.2	347.2	351.7	356.2	360.7	360.7
82.5°	590.7	604.2	613.3	608.7	599.7	590.7	581.7	586.2	595.2	599.7	599.7
80°	856.8	861.3	865.8	874.8	861.3	861.3	856.8	874.8	883.8	892.8	901.8
77.5°	1163.4	1167.9	1167.9	1172.4	1176.9	1181.4	1181.4	1213.0	1235.5	1249.1	1262.6
75°	1452.0	1465.5	1479.0	1492.6	1510.6	1519.6	1533.1	1578.2	1614.3	1641.4	1668.4
72.5°	1848.8	1866.8	1889.4	1920.9	1952.5	1975.0	2006.6	2060.7	2101.3	2128.4	2159.9
70°	2529.7	2547.7	2570.3	2592.8	2624.4	2646.9	2678.5	2746.1	2786.7	2804.7	2822.8
67.5°	3539.7	3584.8	3625.4	3580.3	3557.8	3526.2	3535.2	3598.4	3638.9	3666.0	3661.5
65°	4437.1	4468.6	4468.6	4464.1	4446.1	4405.5	4428.1	4504.7	4549.8	4572.3	4504.7
62.5°	5492.2	5492.2	5469.7	5505.8	5510.3	5483.2	5469.7	5474.2	5478.7	5492.2	5379.5
60°	6222.7	6267.8	6281.3	6312.9	6321.9	6321.9	6344.5	6362.5	6362.5	6335.5	6204.7
57.5°	7187.7	7273.4	7291.4	7268.9	7223.8	7165.1	7156.1	7129.1	7075.0	7020.9	6957.7
55°	8161.7	8206.8	8202.3	8188.7	8143.6	8076.0	8085.0	8049.0	7963.3	7895.6	7810.0
52.5°	9140.2	9248.4	9266.4	9239.4	9176.3	9104.1	9108.6	9068.0	8982.4	8910.2	8793.0
50°	10389.2	10479.4	10470.4	10425.3	10335.1	10281.0	10285.5	10208.9	10109.7	10087.1	9933.8
47.5°	11818.7	11922.4	11904.3	11841.2	11719.5	11696.9	11719.5	11620.3	11561.6	11512.0	11331.7
45°	13694.5	13816.2	13748.6	13626.9	13433.0	13455.5	13487.1	13469.0	13342.8	13212.0	12982.0
42.5°	15895.0	15971.7	15890.5	15768.7	15525.2	15570.3	15552.3	15444.1	15367.4	15151.0	14857.9
40°	18248.8	18415.7	18289.4	18100.0	17847.5	17915.1	17865.5	17725.7	17545.4	17274.8	16905.1
37.5°	20787.5	20918.3	20774.0	20553.0	20327.6	20305.0	20205.8	19989.4	19732.3	19434.7	18844.0
35°	23218.0	23556.2	23290.1	22938.4	22663.3	22559.6	22464.9	21964.4	21671.3	21188.8	20381.7
32.5°	25026.2	25274.2	24945.0	24579.8	24246.1	24101.8	23768.1	23172.9	23015.1	22000.5	21261.0
30°	25499.6	25481.6	25138.9	24859.3	24498.6	24399.4	23786.1	23281.1	22776.1	21838.1	21134.7
27.5°	24372.3	24259.6	23930.4	23686.9	23330.7	23213.5	22609.2	22338.7	21558.6	20765.0	20169.7
25°	21860.7	21919.3	21671.3	21549.6	21315.1	21062.6	20823.6	20458.3	19971.3	19276.9	18731.3
22.5°	19881.1	19957.8	19854.1	19709.8	19529.4	19389.6	19209.3	18925.2	18456.2	18027.9	17513.8
20°	18780.9	18758.4	18668.2	18559.9	18388.6	18289.4	18091.0	17852.0	17491.3	17121.5	16566.9
17.5°	18203.7	18063.9	17978.3	17937.7	17847.5	17721.2	17486.8	17243.3	16963.7	16544.3	16138.5
15°	17775.3	17797.9	17730.2	17698.7	17626.5	17450.7	17211.7	17013.3	16634.5	16422.6	16052.8
12.5°	17748.3	17725.7	17730.2	17716.7	17626.5	17401.1	17279.3	17026.8	16783.3	16503.7	16079.9
10°	18068.4	17829.5	17847.5	17910.6	17766.3	17586.0	17455.2	17180.1	16950.2	16593.9	16174.6
7.5°	18050.4	17928.7	17964.7	17861.0	17906.1	17685.2	17504.8	17229.7	16941.1	16562.4	16183.6
5°	18158.6	17973.7	17942.2	17951.2	17838.5	17671.6	17428.1	17166.6	16896.0	16472.2	16084.4
2.5°	17910.6	17937.7	17793.4	17739.3	17725.7	17446.2	17220.7	16968.2	16688.6	16314.4	15967.1
0°	17725.7	17775.3	17626.5	17549.9	17545.4	17306.4	17162.1	16873.5	16675.1	16364.0	15944.6
-2.5°	17626.5	17685.2	17703.2	17563.4	17428.1	17243.3	16999.8	16688.6	16364.0	16003.2	15642.5
-5°	17635.6	17518.3	17468.7	17513.8	17396.6	17211.7	16941.1	16666.1	16345.9	15958.1	15507.2
-7.5°	17279.3	17162.1	17153.1	17130.5	17103.5	16927.6	16702.1	16404.5	16079.9	15719.1	15299.8
-10°	16747.2	16661.6	16639.0	16616.5	16544.3	16440.6	16228.7	15958.1	15665.0	15304.3	14857.9
-12.5°	16156.5	16115.9	16030.3	15971.7	15899.5	15777.8	15574.8	15326.8	15033.7	14713.6	14330.3
-15°	15502.7	15426.0	15340.4	15290.8	15187.0	15042.8	14839.8	14609.9	14289.7	13974.1	13613.3
-17.5°	14713.6	14618.9	14524.2	14510.7	14438.5	14217.6	14028.2	13748.6	13469.0	13166.9	12815.2
-20°	13784.7	13653.9	13590.8	13554.7	13455.5	13293.2	13090.3	12833.2	12562.7	12274.1	11868.3



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CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	12756.6	12643.8	12535.6	12468.0	12382.3	12256.1	12062.2	11836.7	11570.7	11246.0	10871.7
-25°	11588.7	11430.9	11363.2	11286.6	11241.5	11124.2	10934.9	10727.4	10452.4	10136.7	9780.5
-27.5°	10254.0	10127.7	10091.6	9983.4	9929.3	9807.6	9649.7	9455.8	9203.3	8905.7	8612.6
-30°	8779.4	8702.8	8644.2	8536.0	8495.4	8364.6	8260.9	8098.6	7868.6	7656.7	7422.2
-32.5°	7264.4	7187.7	7169.7	7120.1	7093.0	7007.3	6890.1	6772.8	6588.0	6430.1	6240.8
-35°	5920.6	5866.5	5871.0	5866.5	5839.4	5776.3	5632.0	5600.4	5465.2	5320.9	5199.1
-37.5°	4847.4	4851.9	4847.4	4842.9	4806.8	4779.8	4676.1	4635.5	4554.3	4414.5	4342.4
-40°	4040.3	4049.3	4044.8	4035.8	3995.2	3981.6	3914.0	3859.9	3828.3	3729.1	3652.5
-42.5°	3386.4	3400.0	3395.4	3390.9	3363.9	3359.4	3323.3	3260.2	3242.1	3183.5	3102.3
-45°	2890.4	2885.9	2876.9	2885.9	2872.4	2858.8	2836.3	2795.7	2773.2	2746.1	2678.5
-47.5°	2498.1	2502.6	2493.6	2493.6	2475.6	2462.0	2453.0	2426.0	2407.9	2385.4	2344.8
-50°	2173.4	2191.5	2187.0	2182.5	2168.9	2159.9	2159.9	2132.9	2105.8	2096.8	2069.7
-52.5°	1920.9	1934.5	1939.0	1948.0	1952.5	1957.0	1943.5	1916.4	1871.3	1866.8	1853.3
-55°	1691.0	1731.5	1758.6	1776.6	1794.7	1808.2	1781.1	1745.1	1700.0	1681.9	1677.4
-57.5°	1533.1	1573.7	1605.3	1632.3	1654.9	1677.4	1650.4	1614.3	1573.7	1551.2	1546.7
-60°	1388.8	1424.9	1456.5	1492.6	1524.1	1560.2	1546.7	1519.6	1497.1	1479.0	1461.0
-62.5°	1235.5	1271.6	1307.7	1352.8	1393.3	1429.4	1433.9	1429.4	1424.9	1429.4	1397.9
-65°	1109.3	1127.3	1149.9	1199.5	1244.5	1285.1	1307.7	1321.2	1343.7	1366.3	1334.7
-67.5°	974.0	996.5	1023.6	1059.7	1095.7	1122.8	1154.4	1190.4	1226.5	1262.6	1240.0
-70°	852.2	870.3	892.8	910.9	933.4	951.4	978.5	1019.1	1059.7	1095.7	1086.7
-72.5°	726.0	744.0	757.5	766.6	780.1	789.1	802.6	838.7	865.8	883.8	883.8
-75°	599.7	617.8	631.3	635.8	644.8	649.3	658.3	671.9	685.4	689.9	694.4
-77.5°	459.9	478.0	491.5	500.5	509.5	518.6	523.1	532.1	536.6	536.6	541.1
-80°	342.7	356.2	365.2	378.8	383.3	392.3	401.3	405.8	410.3	410.3	414.8
-82.5°	243.5	252.5	261.5	270.6	279.6	284.1	293.1	297.6	302.1	306.6	311.1
-85°	162.3	171.4	180.4	189.4	193.9	198.4	202.9	207.4	211.9	216.4	221.0
-87.5°	94.7	99.2	103.7	112.7	117.2	126.3	130.8	126.3	130.8	130.8	130.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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°	175.9	175.9	175.9	175.9	171.4	162.3	157.8	148.8	139.8	130.8	121.7
85°	365.2	369.8	369.8	369.8	360.7	356.2	342.7	329.2	311.1	284.1	261.5
82.5°	608.7	613.3	613.3	608.7	599.7	586.2	568.2	545.6	509.5	473.5	441.9
80°	915.4	919.9	919.9	915.4	892.8	870.3	847.7	820.7	775.6	726.0	671.9
77.5°	1280.6	1289.6	1289.6	1276.1	1244.5	1217.5	1181.4	1136.3	1068.7	996.5	924.4
75°	1704.5	1727.0	1731.5	1718.0	1677.4	1627.8	1569.2	1492.6	1388.8	1298.7	1213.0
72.5°	2196.0	2218.5	2236.6	2218.5	2159.9	2092.3	2006.6	1916.4	1812.7	1691.0	1546.7
70°	2840.8	2863.4	2876.9	2818.3	2714.5	2601.8	2498.1	2394.4	2272.6	2123.8	1966.0
67.5°	3652.5	3629.9	3602.9	3485.6	3354.9	3219.6	3075.3	2922.0	2764.2	2606.3	2421.5
65°	4432.6	4369.4	4310.8	4171.0	4004.2	3828.3	3661.5	3490.1	3300.7	3102.3	2926.5
62.5°	5253.2	5118.0	4973.7	4802.3	4631.0	4437.1	4270.2	4067.3	3855.4	3611.9	3386.4
60°	6060.4	5898.1	5753.8	5541.8	5316.4	5054.8	4874.5	4676.1	4428.1	4166.5	3900.5
57.5°	6840.5	6664.6	6506.8	6321.9	6078.4	5794.3	5595.9	5338.9	5077.4	4748.2	4477.7
55°	7670.2	7494.3	7368.1	7160.6	6894.6	6633.1	6416.6	6146.1	5780.8	5429.1	5095.4
52.5°	8621.6	8481.8	8346.6	8134.6	7814.5	7548.4	7309.4	7007.3	6624.0	6191.2	5789.8
50°	9685.8	9613.7	9469.4	9221.4	8856.1	8621.6	8306.0	7904.7	7494.3	7038.9	6538.4
47.5°	11097.2	10979.9	10777.0	10506.5	10199.9	9848.1	9424.3	8955.3	8373.6	7868.6	7336.5
45°	12783.6	12567.2	12305.7	11940.4	11561.6	11164.8	10700.4	10105.2	9325.1	8666.7	8107.6
42.5°	14609.9	14316.8	13960.5	13482.6	12991.1	12504.1	12003.5	11191.9	10217.9	9460.3	8829.1
40°	16517.3	16143.0	15696.6	15002.2	14456.6	13829.8	13257.1	12044.1	11007.0	10186.3	9514.5
37.5°	18384.1	17910.6	17162.1	16318.9	15683.1	15169.0	13910.9	12612.3	11683.4	10781.5	10100.7
35°	19813.5	19412.2	18091.0	17216.2	16670.6	15858.9	14285.2	12955.0	11972.0	11223.4	10163.8
32.5°	20661.2	19624.1	18465.3	17581.4	17130.5	15800.3	14312.3	13054.2	12107.3	11268.5	10001.4
30°	20471.9	19218.3	18203.7	17464.2	16485.7	15290.8	14059.7	12900.9	11981.0	10966.4	9821.1
27.5°	19331.0	18361.5	17455.2	16684.1	15723.6	14650.5	13514.1	12495.0	11638.3	10655.3	9573.1
25°	18041.4	17162.1	16490.2	15818.3	14907.5	13883.9	12882.8	12147.8	11286.6	10317.1	9248.4
22.5°	16855.5	16224.2	15696.6	14993.2	14104.8	13212.0	12589.7	11827.7	10943.9	9960.9	8914.7
20°	16097.9	15669.5	15065.3	14289.7	13590.8	13031.6	12341.7	11534.6	10623.7	9595.6	8630.6
17.5°	15732.7	15236.7	14564.8	14059.7	13523.1	12909.9	12138.8	11282.1	10312.6	9428.8	8662.2
15°	15543.3	15020.2	14578.3	14082.3	13478.1	12833.2	11976.5	11088.2	10312.6	9496.4	8684.8
12.5°	15583.9	15132.9	14650.5	14109.3	13460.0	12770.1	11994.5	11169.3	10366.7	9546.0	8689.3
10°	15710.1	15236.7	14722.6	14122.9	13469.0	12788.1	12044.1	11218.9	10393.7	9568.6	8680.2
7.5°	15755.2	15241.2	14691.0	14086.8	13446.5	12779.1	12053.1	11232.5	10398.3	9564.1	8653.2
5°	15615.4	15151.0	14618.9	14010.1	13383.4	12734.0	12017.1	11214.4	10362.2	9519.0	8585.6
2.5°	15426.0	15051.8	14542.2	13956.0	13320.2	12670.9	11958.4	11133.3	10281.0	9437.8	8499.9
0°	15394.5	14930.0	14416.0	13892.9	13216.5	12531.1	11823.2	10979.9	10132.2	9284.5	8351.1
-2.5°	15187.0	14695.5	14181.5	13613.3	13018.1	12328.2	11584.2	10759.0	9920.3	9086.1	8188.7
-5°	15029.2	14483.6	13938.0	13324.7	12725.0	12035.1	11264.0	10461.4	9640.7	8829.1	7963.3
-7.5°	14817.3	14258.2	13685.5	13045.2	12395.8	11692.4	10930.3	10127.7	9320.6	8513.4	7683.7
-10°	14388.9	13897.4	13360.8	12698.0	12012.6	11309.1	10551.6	9762.5	8955.3	8139.1	7304.9
-12.5°	13870.4	13351.8	12765.6	12156.9	11543.6	10889.8	10132.2	9356.6	8545.0	7724.3	6894.6
-15°	13198.5	12688.9	12089.2	11494.0	10903.3	10276.5	9609.1	8910.2	8085.0	7277.9	6448.2
-17.5°	12359.8	11881.8	11345.2	10777.0	10190.8	9559.5	8910.2	8319.5	7548.4	6790.9	5970.2
-20°	11457.9	11011.5	10529.0	9992.4	9406.2	8788.5	8175.2	7557.5	6890.1	6222.7	5460.7



REPORT NUMBER: P722159
 CATALOG NUMBER: IFLD-L-SA8B-760-U-76

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	10520.0	10069.1	9582.1	9081.6	8540.5	7967.8	7399.6	6808.9	6222.7	5618.5	4973.7
-25°	9437.8	9041.0	8594.6	8107.6	7625.1	7124.6	6583.5	6046.9	5546.3	5023.3	4495.7
-27.5°	8306.0	7940.7	7534.9	7111.0	6696.2	6276.8	5807.9	5311.9	4897.0	4464.1	4026.7
-30°	7115.5	6822.4	6493.3	6123.5	5803.4	5465.2	5072.9	4662.5	4283.8	3954.6	3602.9
-32.5°	5988.2	5740.2	5505.8	5262.3	4946.6	4685.1	4414.5	4112.4	3778.7	3467.6	3215.1
-35°	5018.8	4752.7	4653.5	4473.1	4247.7	4017.7	3819.3	3602.9	3350.3	3075.3	2867.9
-37.5°	4202.6	4044.8	3905.0	3805.8	3657.0	3472.1	3314.3	3156.5	2962.6	2755.1	2547.7
-40°	3566.8	3458.6	3305.3	3255.7	3161.0	3034.7	2872.4	2750.6	2619.9	2462.0	2286.2
-42.5°	3057.3	2976.1	2876.9	2791.2	2750.6	2660.4	2534.2	2416.9	2313.2	2205.0	2069.7
-45°	2637.9	2583.8	2520.7	2444.0	2412.4	2340.3	2250.1	2119.3	2060.7	1970.5	1871.3
-47.5°	2299.7	2272.6	2227.6	2178.0	2132.9	2078.7	1997.6	1916.4	1835.3	1776.6	1700.0
-50°	2033.7	2015.6	1988.6	1948.0	1889.4	1853.3	1799.2	1727.0	1650.4	1600.8	1546.7
-52.5°	1821.7	1803.7	1785.7	1754.1	1709.0	1672.9	1627.8	1569.2	1506.1	1456.5	1411.4
-55°	1659.4	1632.3	1618.8	1591.8	1555.7	1515.1	1474.5	1433.9	1379.8	1334.7	1289.6
-57.5°	1533.1	1497.1	1479.0	1456.5	1420.4	1379.8	1348.3	1307.7	1271.6	1222.0	1181.4
-60°	1433.9	1393.3	1357.3	1334.7	1303.2	1262.6	1231.0	1199.5	1163.4	1122.8	1073.2
-62.5°	1352.8	1303.2	1253.6	1226.5	1194.9	1158.9	1127.3	1095.7	1059.7	1019.1	974.0
-65°	1276.1	1217.5	1154.4	1127.3	1095.7	1059.7	1019.1	996.5	965.0	928.9	883.8
-67.5°	1181.4	1118.3	1064.2	1032.6	1001.0	969.5	933.4	910.9	879.3	834.2	789.1
-70°	1041.6	1001.0	965.0	937.9	910.9	883.8	847.7	811.7	775.6	735.0	694.4
-72.5°	865.8	852.2	847.7	834.2	802.6	771.1	735.0	698.9	667.4	635.8	604.2
-75°	698.9	707.9	717.0	712.5	680.9	649.3	617.8	586.2	563.7	536.6	509.5
-77.5°	554.6	563.7	572.7	572.7	550.1	532.1	509.5	487.0	469.0	446.4	419.4
-80°	428.4	441.9	455.4	464.4	446.4	432.9	414.8	396.8	378.8	360.7	342.7
-82.5°	324.7	338.2	351.7	360.7	347.2	338.2	324.7	311.1	297.6	279.6	266.0
-85°	234.5	243.5	252.5	257.0	248.0	239.0	230.0	221.0	211.9	198.4	189.4
-87.5°	135.3	139.8	144.3	148.8	139.8	130.8	126.3	117.2	112.7	103.7	99.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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 CATALOG NUMBER: IFLD-L-SA8B-760-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°	112.7	103.7	94.7	90.2	81.2	67.6	58.6	49.6	40.6	31.6	27.1
85°	239.0	216.4	189.4	175.9	157.8	139.8	121.7	103.7	85.7	67.6	49.6
82.5°	410.3	383.3	356.2	324.7	284.1	234.5	184.9	153.3	126.3	99.2	76.7
80°	617.8	568.2	523.1	482.5	437.4	374.3	306.6	243.5	171.4	130.8	99.2
77.5°	856.8	798.1	735.0	667.4	595.2	509.5	432.9	351.7	266.0	180.4	126.3
75°	1127.3	1050.6	965.0	870.3	775.6	662.9	554.6	459.9	360.7	252.5	153.3
72.5°	1429.4	1334.7	1231.0	1104.8	956.0	825.2	694.4	568.2	450.9	320.2	207.4
70°	1817.2	1668.4	1515.1	1379.8	1190.4	983.0	829.7	685.4	536.6	392.3	261.5
67.5°	2232.1	2051.7	1866.8	1668.4	1429.4	1185.9	965.0	802.6	626.8	459.9	311.1
65°	2683.0	2457.5	2223.0	2002.1	1672.9	1384.3	1136.3	915.4	712.5	523.1	360.7
62.5°	3147.4	2881.4	2610.8	2322.2	1943.5	1587.2	1298.7	1041.6	793.6	581.7	405.8
60°	3643.4	3332.3	3003.1	2642.4	2200.5	1808.2	1452.0	1172.4	879.3	640.3	455.4
57.5°	4166.5	3828.3	3440.5	2953.5	2466.5	2020.1	1627.8	1289.6	956.0	694.4	491.5
55°	4734.7	4346.9	3923.0	3278.2	2728.1	2232.1	1803.7	1406.9	1037.1	739.5	527.6
52.5°	5347.9	4897.0	4360.4	3620.9	3003.1	2448.5	1966.0	1510.6	1113.8	789.1	559.1
50°	6033.3	5465.2	4743.7	3936.5	3242.1	2651.4	2128.4	1623.3	1176.9	843.2	586.2
47.5°	6745.8	6132.5	5086.4	4229.6	3485.6	2849.8	2295.2	1722.5	1240.0	888.3	613.3
45°	7489.8	6597.0	5442.6	4491.2	3697.6	3030.2	2421.5	1812.7	1316.7	928.9	635.8
42.5°	8224.8	6948.7	5753.8	4752.7	3896.0	3192.5	2525.2	1898.4	1379.8	969.5	658.3
40°	8572.0	7214.8	6001.8	4933.1	4062.8	3336.8	2615.3	1975.0	1433.9	996.5	680.9
37.5°	8716.3	7377.1	6164.1	5104.4	4193.6	3413.5	2692.0	2042.7	1479.0	1023.6	698.9
35°	8747.9	7435.7	6245.3	5221.7	4301.8	3485.6	2750.6	2092.3	1515.1	1050.6	717.0
32.5°	8689.3	7417.7	6267.8	5262.3	4369.4	3539.7	2791.2	2128.4	1542.2	1077.7	735.0
30°	8558.5	7323.0	6186.6	5257.7	4419.0	3571.3	2818.3	2155.4	1569.2	1095.7	744.0
27.5°	8346.6	7156.1	6082.9	5262.3	4446.1	3584.8	2831.8	2168.9	1587.2	1109.3	762.1
25°	8085.0	6930.7	6087.4	5253.2	4450.6	3589.3	2831.8	2168.9	1591.8	1113.8	775.6
22.5°	7782.9	6930.7	6087.4	5239.7	4423.5	3580.3	2818.3	2159.9	1591.8	1122.8	789.1
20°	7800.9	6935.2	6073.9	5212.7	4383.0	3553.3	2786.7	2137.4	1578.2	1136.3	798.1
17.5°	7814.5	6926.2	6046.9	5176.6	4328.9	3508.2	2746.1	2105.8	1578.2	1149.9	802.6
15°	7814.5	6899.1	6006.3	5122.5	4261.2	3445.0	2687.5	2078.7	1582.7	1154.4	811.7
12.5°	7800.9	6849.5	5943.2	5050.3	4180.0	3368.4	2651.4	2069.7	1582.7	1158.9	811.7
10°	7773.9	6781.9	5862.0	4960.1	4103.4	3341.3	2633.4	2051.7	1573.7	1158.9	811.7
7.5°	7724.3	6700.7	5794.3	4906.0	4058.3	3309.8	2606.3	2024.6	1560.2	1149.9	820.7
5°	7647.6	6655.6	5740.2	4842.9	3995.2	3287.2	2588.3	2002.1	1551.2	1149.9	811.7
2.5°	7548.4	6601.5	5677.1	4761.7	3923.0	3210.6	2529.7	1952.5	1519.6	1131.8	802.6
0°	7386.1	6493.3	5568.9	4649.0	3823.8	3133.9	2471.1	1902.9	1488.0	1113.8	793.6
-2.5°	7237.3	6349.0	5429.1	4531.8	3729.1	3066.3	2426.0	1875.8	1474.5	1109.3	789.1
-5°	7029.9	6150.6	5244.2	4378.5	3602.9	2998.6	2380.9	1844.3	1461.0	1100.2	789.1
-7.5°	6799.9	5943.2	5050.3	4220.6	3476.6	2881.4	2295.2	1794.7	1429.4	1082.2	784.6
-10°	6443.7	5632.0	4806.8	4040.3	3341.3	2777.7	2223.0	1749.6	1402.4	1064.2	766.6
-12.5°	6064.9	5289.3	4527.3	3819.3	3188.0	2669.5	2141.9	1700.0	1370.8	1046.1	757.5
-15°	5663.6	4937.6	4234.2	3589.3	3021.2	2538.7	2056.2	1645.9	1339.2	1023.6	744.0
-17.5°	5244.2	4567.8	3932.0	3354.9	2854.3	2403.4	1966.0	1596.3	1303.2	1001.0	730.5
-20°	4802.3	4189.1	3625.4	3115.9	2678.5	2268.1	1871.3	1537.6	1262.6	974.0	712.5



REPORT NUMBER: P722159
 CATALOG NUMBER: IFLD-L-SA8B-760-U-76

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	4364.9	3814.8	3309.8	2881.4	2498.1	2128.4	1776.6	1479.0	1217.5	942.4	698.9
-25°	3977.1	3463.1	3030.2	2655.9	2322.2	1993.1	1677.4	1420.4	1167.9	910.9	680.9
-27.5°	3598.4	3161.0	2755.1	2444.0	2150.9	1862.3	1582.7	1357.3	1118.3	874.8	662.9
-30°	3246.6	2872.4	2538.7	2236.6	1988.6	1745.1	1501.6	1294.1	1064.2	838.7	640.3
-32.5°	2926.5	2624.4	2344.8	2056.2	1835.3	1627.8	1424.9	1231.0	1010.1	802.6	617.8
-35°	2628.9	2394.4	2150.9	1907.4	1681.9	1519.6	1343.7	1163.4	960.5	762.1	595.2
-37.5°	2362.8	2173.4	1979.5	1772.1	1578.2	1415.9	1267.1	1095.7	910.9	726.0	572.7
-40°	2132.9	1979.5	1808.2	1641.4	1479.0	1325.7	1190.4	1028.1	861.3	698.9	550.1
-42.5°	1920.9	1803.7	1663.9	1524.1	1379.8	1244.5	1113.8	956.0	811.7	667.4	527.6
-45°	1758.6	1641.4	1528.6	1402.4	1280.6	1163.4	1032.6	892.8	766.6	631.3	505.0
-47.5°	1605.3	1501.6	1397.9	1294.1	1194.9	1086.7	956.0	838.7	717.0	599.7	487.0
-50°	1470.0	1370.8	1280.6	1190.4	1104.8	1001.0	879.3	784.6	676.4	568.2	464.4
-52.5°	1343.7	1258.1	1167.9	1095.7	1023.6	919.9	820.7	730.5	635.8	532.1	441.9
-55°	1231.0	1149.9	1068.7	1001.0	933.4	843.2	762.1	685.4	595.2	505.0	419.4
-57.5°	1122.8	1055.2	978.5	915.4	847.7	775.6	707.9	635.8	554.6	478.0	396.8
-60°	1023.6	960.5	892.8	829.7	771.1	712.5	649.3	590.7	518.6	446.4	374.3
-62.5°	924.4	870.3	811.7	748.5	703.4	649.3	599.7	541.1	482.5	419.4	333.7
-65°	834.2	784.6	730.5	676.4	635.8	595.2	550.1	496.0	446.4	387.8	297.6
-67.5°	744.0	698.9	653.8	608.7	572.7	541.1	496.0	455.4	414.8	351.7	261.5
-70°	658.3	622.3	581.7	545.6	518.6	482.5	450.9	414.8	378.8	306.6	221.0
-72.5°	577.2	541.1	509.5	482.5	459.9	428.4	401.3	374.3	324.7	257.0	184.9
-75°	482.5	459.9	441.9	419.4	396.8	374.3	351.7	320.2	270.6	207.4	144.3
-77.5°	396.8	383.3	369.8	351.7	333.7	315.6	288.6	257.0	216.4	162.3	117.2
-80°	324.7	311.1	302.1	284.1	270.6	252.5	225.5	198.4	157.8	126.3	94.7
-82.5°	248.0	239.0	230.0	221.0	207.4	189.4	162.3	139.8	117.2	94.7	72.1
-85°	175.9	171.4	162.3	153.3	139.8	126.3	108.2	94.7	81.2	63.1	49.6
-87.5°	90.2	85.7	81.2	76.7	72.1	63.1	54.1	45.1	40.6	31.6	22.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	18.0	13.5	4.5	0.0
85°	36.1	22.5	9.0	0.0
82.5°	54.1	36.1	13.5	0.0
80°	72.1	45.1	22.5	0.0
77.5°	90.2	54.1	27.1	0.0
75°	108.2	67.6	31.6	0.0
72.5°	121.7	76.7	36.1	0.0
70°	144.3	90.2	40.6	0.0
67.5°	180.4	99.2	45.1	0.0
65°	211.9	108.2	49.6	0.0
62.5°	248.0	117.2	54.1	0.0
60°	279.6	126.3	58.6	0.0
57.5°	311.1	148.8	63.1	0.0
55°	338.2	166.8	67.6	0.0
52.5°	369.8	184.9	72.1	0.0
50°	396.8	202.9	76.7	0.0
47.5°	419.4	221.0	76.7	0.0
45°	437.4	234.5	81.2	0.0
42.5°	450.9	248.0	85.7	0.0
40°	464.4	261.5	90.2	0.0
37.5°	478.0	275.1	90.2	0.0
35°	491.5	288.6	94.7	0.0
32.5°	505.0	302.1	94.7	0.0
30°	514.1	311.1	99.2	0.0
27.5°	527.6	320.2	99.2	0.0
25°	532.1	329.2	103.7	0.0
22.5°	541.1	333.7	103.7	0.0
20°	550.1	342.7	103.7	0.0
17.5°	554.6	347.2	108.2	0.0
15°	554.6	351.7	112.7	0.0
12.5°	559.1	356.2	112.7	0.0
10°	559.1	365.2	108.2	0.0
7.5°	568.2	360.7	108.2	0.0
5°	563.7	360.7	108.2	0.0
2.5°	559.1	356.2	108.2	0.0
0°	554.6	356.2	108.2	0.0
-2.5°	554.6	356.2	108.2	0.0
-5°	554.6	356.2	108.2	0.0
-7.5°	550.1	360.7	108.2	0.0
-10°	541.1	360.7	108.2	0.0
-12.5°	536.6	347.2	108.2	0.0
-15°	532.1	342.7	108.2	0.0
-17.5°	523.1	338.2	103.7	0.0
-20°	514.1	333.7	103.7	0.0



REPORT NUMBER: P722159

CATALOG NUMBER: IFLD-L-SA8B-760-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	505.0	324.7	103.7	0.0
-25°	496.0	315.6	99.2	0.0
-27.5°	487.0	306.6	99.2	0.0
-30°	473.5	297.6	94.7	0.0
-32.5°	459.9	288.6	94.7	0.0
-35°	450.9	275.1	90.2	0.0
-37.5°	437.4	261.5	90.2	0.0
-40°	423.9	248.0	85.7	0.0
-42.5°	410.3	234.5	81.2	0.0
-45°	392.3	221.0	81.2	0.0
-47.5°	378.8	207.4	76.7	0.0
-50°	356.2	189.4	72.1	0.0
-52.5°	329.2	171.4	67.6	0.0
-55°	302.1	157.8	63.1	0.0
-57.5°	275.1	139.8	63.1	0.0
-60°	248.0	121.7	58.6	0.0
-62.5°	221.0	112.7	54.1	0.0
-65°	193.9	103.7	49.6	0.0
-67.5°	162.3	90.2	45.1	0.0
-70°	135.3	81.2	40.6	0.0
-72.5°	117.2	72.1	36.1	0.0
-75°	99.2	63.1	31.6	0.0
-77.5°	85.7	54.1	27.1	0.0
-80°	67.6	40.6	18.0	0.0
-82.5°	49.6	31.6	13.5	0.0
-85°	31.6	22.5	9.0	0.0
-87.5°	18.0	9.0	4.5	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)