

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: P724037

Luminaire Tested: **IFLD-L-SA8C-722-U-22-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P724037
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA8C-722-U-22-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 2 distribution lens and Visor
Light Source: (128) 2200K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

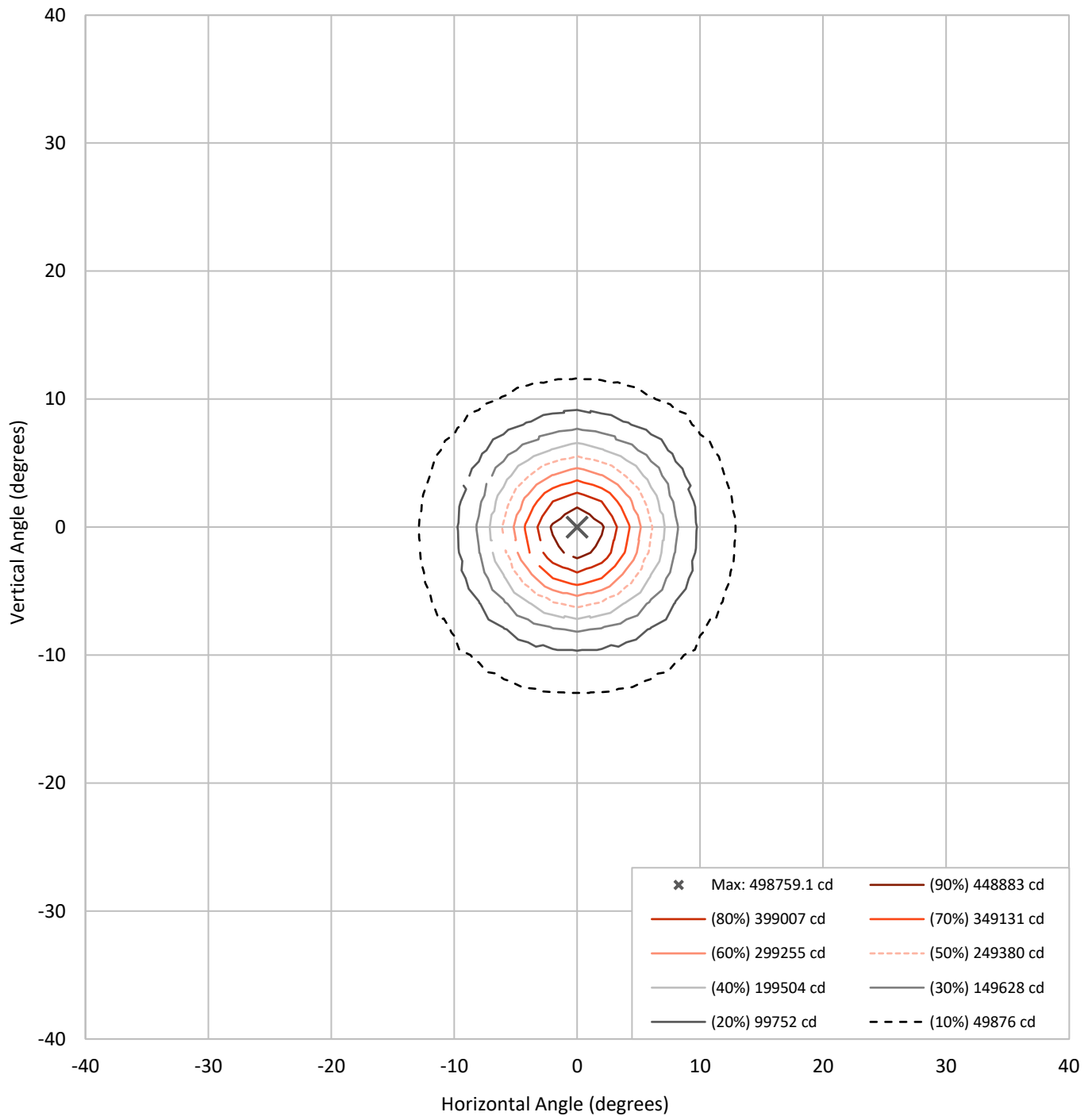
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	34838.5 lumens	Max Intensity:	498759.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	82.9 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	12.2°H x 11.7°V	Field Angle (10%):	25.1°H x 24.3°V
Beam Lumens:	10899.1 lumens	Field Lumens:	24799.4 lumens
Beam Efficiency:	31.3%	Field Efficiency:	71.2%

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



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Iso-Candela Plot





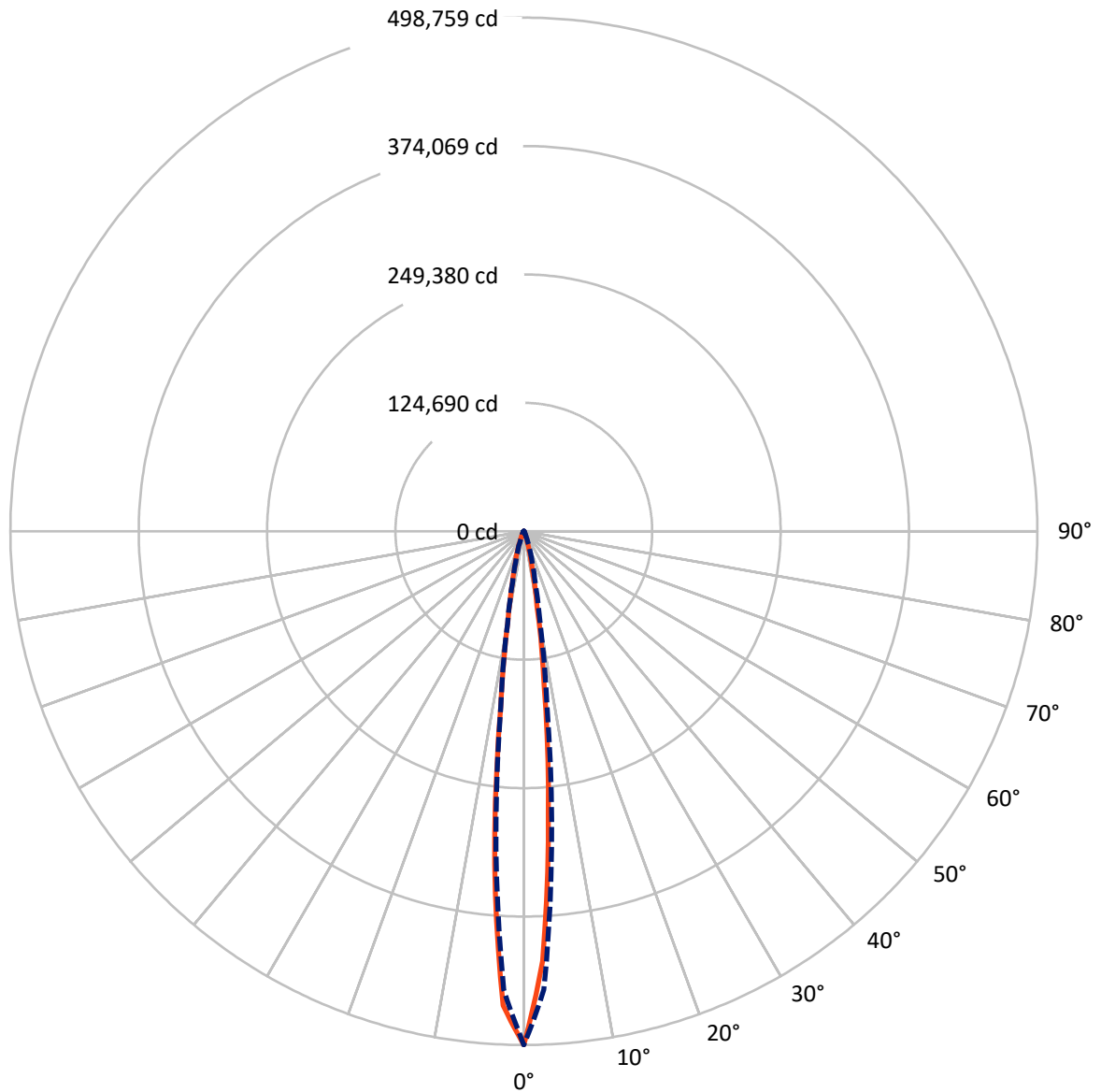
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Lumen Table

90	0.2	2.1		1.8		0.8		0.1		0.8		1.8		2.1		0.2
80	0.2	2.1		1.8		0.8		0.1		0.8		1.8		2.1		0.2
70	0.3	0.3	0.4	0.4	0.3	0.2	0.2	0.1	0.1	0.2	0.2	0.3	0.4	0.4	0.3	0.3
60		0.2	0.4	1.0	1.8	2.7	3.4	3.9	3.9	3.4	2.7	1.8	1.0	0.4	0.2	
50	0.2	0.3	1.1	2.9	5.0	7.0	9.3	10.9	10.9	9.3	7.0	5.0	2.9	1.1	0.3	0.2
40		0.6	2.4	5.3	8.9	14.0	21.2	25.3	25.3	21.2	14.0	8.9	5.3	2.4	0.6	
30	0.4	1.1	3.7	7.7	14.0	24.1	46.5	75.0	75.0	46.5	24.1	14.0	7.7	3.7	1.1	0.4
20		1.5	5.0	10.5	21.2	52.6	274.5	694.4	694.4	274.5	52.6	21.2	10.5	5.0	1.5	
10	0.6	1.9	6.0	12.3	25.9	106.7	884.0	5447.5	5447.5	884.0	106.7	25.9	12.3	6.0	1.9	0.6
0		2.2	6.5	13.0	27.0	121.6	972.7	5999.2	5999.2	972.7	121.6	27.0	13.0	6.5	2.2	
-10	0.7	2.4	6.8	12.9	25.3	72.9	436.6	1052.1	1052.1	436.6	72.9	25.3	12.9	6.8	2.4	0.7
-20		2.4	6.7	12.3	21.4	37.1	90.2	169.5	169.5	90.2	37.1	21.4	12.3	6.7	2.4	
-30	0.7	2.1	6.2	11.4	17.8	26.3	37.2	43.7	43.7	37.2	26.3	17.8	11.4	6.2	2.1	0.7
-40		1.9	5.4	10.2	15.5	20.5	25.9	28.8	28.8	25.9	20.5	15.5	10.2	5.4	1.9	
-50	0.6	1.5	4.3	8.6	13.6	17.9	22.0	24.0	24.0	22.0	17.9	13.6	8.6	4.3	1.5	0.6
-60		1.2	3.1	6.3	10.4	14.3	18.0	20.0	20.0	18.0	14.3	10.4	6.3	3.1	1.2	
-70	0.3	4.7		13.0		24.1		29.0		24.1		13.0		4.7		0.3
-80		4.7		13.0		24.1		29.0		24.1		13.0		4.7		
-90	0.3	4.7		13.0		24.1		29.0		24.1		13.0		4.7		0.3

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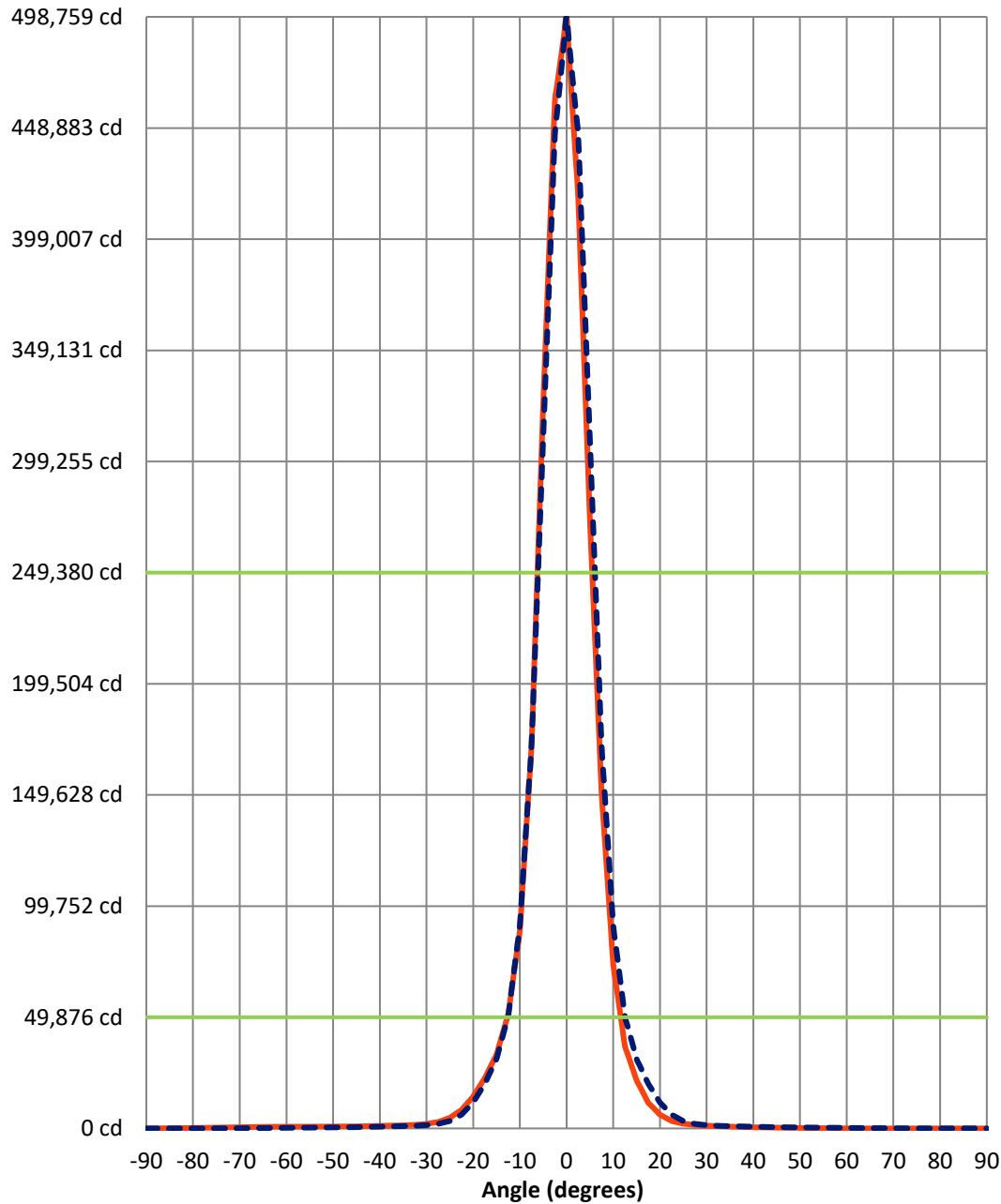
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 12.2°
V Angle: 11.7°
Lumens: 10899.1
Efficiency: 31.3%

Field:
H Angle: 25.1°
V Angle: 24.3°
Lumens: 24799.4
Efficiency: 71.2%

Spill:
Lumens: 10039.2
Efficiency: 28.8%

— Vertical Distribution through 0-Deg
- - Horizontal Distribution through 0-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.2	6.2
85°	0.0	0.0	0.0	0.0	6.2	6.2	6.2	6.2	6.2	12.5	12.5
82.5°	0.0	0.0	0.0	0.0	6.2	6.2	6.2	6.2	12.5	12.5	12.5
80°	0.0	0.0	0.0	0.0	6.2	6.2	6.2	6.2	12.5	12.5	12.5
77.5°	0.0	0.0	0.0	0.0	6.2	6.2	6.2	6.2	6.2	6.2	12.5
75°	0.0	0.0	0.0	0.0	6.2	6.2	6.2	6.2	6.2	6.2	6.2
72.5°	0.0	0.0	0.0	0.0	6.2	6.2	6.2	6.2	6.2	6.2	6.2
70°	0.0	0.0	0.0	0.0	6.2	6.2	6.2	6.2	6.2	6.2	6.2
67.5°	0.0	0.0	0.0	0.0	6.2	6.2	6.2	6.2	6.2	6.2	6.2
65°	0.0	0.0	0.0	0.0	6.2	6.2	6.2	6.2	6.2	6.2	6.2
62.5°	0.0	0.0	0.0	0.0	6.2	6.2	6.2	6.2	6.2	6.2	6.2
60°	12.5	12.5	12.5	12.5	18.7	18.7	25.0	25.0	25.0	12.5	25.0
57.5°	99.9	99.9	93.6	87.4	81.1	74.9	74.9	74.9	74.9	74.9	62.4
55°	137.3	137.3	137.3	131.1	131.1	124.8	118.6	112.3	112.3	106.1	99.9
52.5°	162.3	162.3	162.3	162.3	156.0	156.0	156.0	149.8	137.3	137.3	131.1
50°	230.9	224.7	224.7	224.7	224.7	212.2	206.0	193.5	187.2	181.0	174.8
47.5°	299.6	299.6	293.3	293.3	287.1	274.6	262.1	249.7	237.2	230.9	218.5
45°	355.8	355.8	349.5	349.5	343.3	330.8	312.1	293.3	280.9	268.4	255.9
42.5°	436.9	430.7	424.4	418.2	405.7	387.0	362.0	337.0	318.3	299.6	287.1
40°	524.3	524.3	518.0	511.8	493.1	474.3	443.1	411.9	380.7	343.3	324.6
37.5°	630.4	636.6	642.9	642.9	630.4	605.4	561.7	524.3	474.3	424.4	399.5
35°	823.9	823.9	836.4	836.4	817.6	786.4	755.2	674.1	611.7	549.2	493.1
32.5°	1036.1	1042.3	1017.4	998.6	973.7	936.2	880.0	811.4	742.7	661.6	599.2
30°	1242.0	1242.0	1210.8	1173.4	1123.5	1061.0	992.4	917.5	836.4	755.2	680.3
27.5°	1566.6	1535.4	1510.4	1448.0	1360.6	1242.0	1154.7	1036.1	930.0	836.4	755.2
25°	2103.4	2097.1	2040.9	1934.8	1760.1	1572.8	1429.3	1229.6	1067.3	923.7	830.1
22.5°	3345.4	3301.7	3170.6	2908.5	2496.6	2172.0	1878.7	1566.6	1273.3	1079.8	930.0
20°	6185.3	6041.7	5692.2	4968.2	4044.4	3407.8	2677.6	2153.3	1660.2	1298.2	1073.5
17.5°	11540.4	11446.8	11315.7	9643.0	7764.3	6416.2	4774.7	3301.7	2359.3	1697.7	1273.3
15°	21632.8	20940.0	19492.0	17488.5	14860.8	11484.2	8444.7	5330.2	3370.4	2259.4	1616.5
12.5°	36980.5	36212.8	32474.2	27462.3	22737.5	17931.6	12589.0	8101.4	4799.7	2871.1	1916.1
10°	73686.3	68112.7	57645.9	43022.2	33578.9	25040.6	17675.7	11053.6	6247.7	3626.3	2271.9
7.5°	150924.1	132711.6	102265.9	72194.6	46729.6	32842.4	22575.3	14455.2	8326.1	4537.5	2596.4
5°	273543.2	241231.3	181738.0	109431.0	67856.8	41162.2	26788.2	17188.9	9855.2	5280.3	2921.0
2.5°	417682.9	375884.0	262745.6	150474.7	83672.6	47603.4	29734.2	18986.4	10828.9	5785.8	3170.6
0°	498759.1	445519.7	309425.2	172276.0	91206.0	50337.1	31176.0	20066.2	11652.8	6197.7	3332.9
-2.5°	460730.0	417870.1	284365.9	160030.3	87155.4	49138.8	31381.9	20334.6	11790.1	6310.1	3407.8
-5°	324723.0	289546.3	196761.1	118094.1	73948.5	45262.9	29609.4	19323.5	11409.3	6147.8	3376.6
-7.5°	171795.4	155879.8	116689.8	84858.5	53975.9	38309.9	26657.2	17532.2	10423.2	5710.9	3189.4
-10°	88759.4	85495.1	73673.9	55536.3	43677.5	32093.4	22750.0	14991.9	8713.0	4918.2	2871.1
-12.5°	51173.5	50618.0	46817.0	40188.6	33491.5	26363.8	18668.1	12227.0	7271.3	4075.7	2421.7
-15°	33135.8	33372.9	32049.8	29291.0	25477.5	19729.2	14342.8	9093.8	5380.1	3301.7	2134.6
-17.5°	22612.7	22550.3	21932.4	20041.2	16970.5	13325.5	9505.7	6422.4	4075.7	2571.5	1772.6
-20°	14305.4	14330.3	13756.1	12451.7	10192.3	8213.7	5916.9	4331.6	2889.8	2022.2	1566.6



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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°	8301.1	8319.8	7957.8	7221.3	6035.5	4868.3	3844.7	2864.8	2128.3	1685.2	1373.1
-25°	4768.5	4693.6	4550.0	4194.2	3638.8	3002.1	2552.7	2016.0	1703.9	1429.3	1254.5
-27.5°	2889.8	2839.9	2765.0	2608.9	2390.5	2072.2	1866.2	1629.0	1448.0	1285.7	1179.6
-30°	2016.0	2034.7	1972.3	1891.2	1791.3	1647.7	1535.4	1423.0	1304.5	1204.6	1104.7
-32.5°	1604.0	1616.5	1585.3	1554.1	1504.2	1448.0	1379.4	1298.2	1204.6	1111.0	1017.4
-35°	1379.4	1385.6	1385.6	1379.4	1366.9	1323.2	1273.3	1198.4	1111.0	1023.6	942.5
-37.5°	1267.0	1273.3	1273.3	1267.0	1248.3	1210.8	1160.9	1098.5	1017.4	936.2	873.8
-40°	1148.4	1154.7	1148.4	1135.9	1117.2	1079.8	1042.3	992.4	930.0	861.3	805.1
-42.5°	1036.1	1029.8	1023.6	1011.1	992.4	967.4	936.2	898.8	855.1	805.1	761.5
-45°	930.0	930.0	923.7	917.5	905.0	886.3	867.6	836.4	805.1	767.7	730.2
-47.5°	873.8	873.8	867.6	861.3	855.1	842.6	823.9	798.9	773.9	742.7	711.5
-50°	836.4	836.4	836.4	830.1	823.9	811.4	792.7	773.9	749.0	717.8	686.6
-52.5°	811.4	811.4	811.4	805.1	798.9	792.7	773.9	749.0	717.8	692.8	667.8
-55°	798.9	792.7	792.7	786.4	780.2	773.9	749.0	724.0	699.0	674.1	649.1
-57.5°	780.2	773.9	773.9	767.7	761.5	755.2	730.2	705.3	680.3	649.1	630.4
-60°	761.5	755.2	755.2	742.7	736.5	730.2	705.3	680.3	655.4	630.4	605.4
-62.5°	736.5	730.2	724.0	717.8	705.3	692.8	674.1	649.1	617.9	592.9	568.0
-65°	680.3	674.1	667.8	661.6	655.4	649.1	630.4	599.2	574.2	549.2	524.3
-67.5°	611.7	611.7	611.7	599.2	592.9	580.5	568.0	543.0	518.0	493.1	474.3
-70°	530.5	530.5	530.5	518.0	511.8	505.6	486.8	468.1	449.4	430.7	405.7
-72.5°	449.4	443.1	443.1	436.9	424.4	418.2	405.7	393.2	374.5	362.0	343.3
-75°	368.2	362.0	362.0	355.8	349.5	343.3	330.8	324.6	312.1	299.6	280.9
-77.5°	293.3	293.3	293.3	287.1	280.9	274.6	268.4	262.1	255.9	243.4	230.9
-80°	224.7	224.7	224.7	224.7	224.7	224.7	224.7	218.5	206.0	199.7	193.5
-82.5°	162.3	168.5	168.5	168.5	168.5	168.5	168.5	168.5	162.3	156.0	149.8
-85°	106.1	112.3	112.3	118.6	124.8	124.8	131.1	124.8	118.6	106.1	99.9
-87.5°	56.2	56.2	56.2	56.2	56.2	56.2	56.2	49.9	49.9	49.9	43.7
-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°	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	12.5	12.5	12.5
85°	12.5	12.5	12.5	12.5	18.7	18.7	18.7	25.0	25.0	25.0	25.0
82.5°	12.5	18.7	18.7	18.7	25.0	25.0	31.2	37.4	49.9	56.2	56.2
80°	12.5	18.7	18.7	18.7	25.0	25.0	31.2	31.2	37.4	43.7	56.2
77.5°	12.5	12.5	18.7	18.7	18.7	25.0	25.0	31.2	31.2	37.4	43.7
75°	6.2	12.5	12.5	12.5	18.7	18.7	25.0	25.0	31.2	31.2	37.4
72.5°	6.2	12.5	12.5	12.5	18.7	18.7	25.0	25.0	25.0	31.2	31.2
70°	6.2	12.5	12.5	12.5	12.5	18.7	18.7	18.7	25.0	25.0	25.0
67.5°	6.2	6.2	6.2	12.5	12.5	12.5	12.5	18.7	18.7	18.7	25.0
65°	6.2	6.2	6.2	6.2	12.5	12.5	12.5	12.5	18.7	18.7	18.7
62.5°	6.2	6.2	6.2	12.5	12.5	12.5	12.5	12.5	18.7	18.7	18.7
60°	25.0	25.0	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
57.5°	56.2	56.2	49.9	43.7	37.4	37.4	31.2	25.0	25.0	18.7	18.7
55°	93.6	87.4	81.1	68.7	62.4	56.2	49.9	37.4	31.2	25.0	18.7
52.5°	118.6	112.3	106.1	99.9	87.4	74.9	68.7	62.4	49.9	37.4	31.2
50°	174.8	156.0	143.6	131.1	118.6	106.1	93.6	87.4	68.7	56.2	43.7
47.5°	212.2	199.7	181.0	168.5	156.0	137.3	118.6	106.1	93.6	74.9	56.2
45°	243.4	230.9	212.2	199.7	187.2	168.5	149.8	131.1	118.6	99.9	74.9
42.5°	274.6	262.1	243.4	230.9	212.2	193.5	174.8	156.0	137.3	124.8	99.9
40°	318.3	299.6	274.6	262.1	249.7	224.7	199.7	181.0	162.3	143.6	118.6
37.5°	374.5	355.8	324.6	299.6	280.9	262.1	237.2	212.2	193.5	168.5	143.6
35°	461.9	430.7	387.0	349.5	324.6	299.6	268.4	243.4	218.5	193.5	168.5
32.5°	549.2	499.3	443.1	399.5	362.0	330.8	299.6	274.6	243.4	212.2	187.2
30°	617.9	561.7	505.6	443.1	399.5	362.0	330.8	299.6	268.4	237.2	206.0
27.5°	686.6	624.1	561.7	499.3	436.9	387.0	355.8	324.6	293.3	262.1	224.7
25°	755.2	686.6	624.1	555.5	480.6	424.4	380.7	355.8	324.6	287.1	243.4
22.5°	817.6	755.2	692.8	617.9	530.5	455.6	411.9	380.7	349.5	305.8	268.4
20°	936.2	855.1	780.2	686.6	586.7	511.8	455.6	411.9	374.5	330.8	287.1
17.5°	1092.3	973.7	873.8	767.7	667.8	574.2	493.1	443.1	405.7	355.8	305.8
15°	1292.0	1086.0	961.2	855.1	736.5	630.4	543.0	474.3	424.4	374.5	330.8
12.5°	1441.8	1173.4	1036.1	936.2	811.4	692.8	580.5	499.3	443.1	393.2	343.3
10°	1610.3	1267.0	1098.5	986.1	855.1	724.0	605.4	518.0	455.6	411.9	362.0
7.5°	1747.6	1341.9	1129.7	1004.9	880.0	749.0	630.4	536.8	474.3	424.4	374.5
5°	1872.4	1404.3	1154.7	1011.1	892.5	767.7	642.9	549.2	486.8	436.9	387.0
2.5°	1959.8	1460.5	1179.6	1023.6	905.0	780.2	661.6	561.7	499.3	449.4	399.5
0°	2034.7	1479.2	1173.4	1023.6	911.2	780.2	667.8	568.0	505.6	455.6	405.7
-2.5°	2059.7	1510.4	1204.6	1036.1	923.7	792.7	680.3	574.2	511.8	461.9	418.2
-5°	2059.7	1485.5	1204.6	1048.6	930.0	798.9	680.3	580.5	518.0	468.1	418.2
-7.5°	1984.8	1448.0	1198.4	1061.0	936.2	805.1	680.3	586.7	524.3	474.3	424.4
-10°	1853.7	1391.8	1192.1	1067.3	936.2	798.9	680.3	586.7	524.3	474.3	430.7
-12.5°	1641.5	1316.9	1160.9	1054.8	923.7	786.4	674.1	586.7	524.3	480.6	430.7
-15°	1535.4	1254.5	1123.5	1017.4	892.5	767.7	661.6	580.5	524.3	480.6	436.9
-17.5°	1391.8	1204.6	1086.0	979.9	867.6	749.0	649.1	580.5	524.3	474.3	436.9
-20°	1292.0	1148.4	1042.3	948.7	836.4	730.2	642.9	574.2	524.3	474.3	436.9



REPORT NUMBER: P724037
 CATALOG NUMBER: IFLD-L-SA8C-722-U-22-VI

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	1204.6	1086.0	992.4	898.8	798.9	705.3	630.4	568.0	518.0	474.3	436.9
-25°	1135.9	1029.8	942.5	855.1	767.7	686.6	617.9	561.7	511.8	474.3	430.7
-27.5°	1073.5	973.7	892.5	811.4	730.2	667.8	605.4	555.5	511.8	468.1	424.4
-30°	1004.9	923.7	842.6	767.7	711.5	649.1	592.9	543.0	505.6	461.9	418.2
-32.5°	936.2	861.3	792.7	736.5	686.6	636.6	586.7	536.8	493.1	449.4	405.7
-35°	873.8	805.1	755.2	705.3	667.8	624.1	574.2	524.3	486.8	443.1	405.7
-37.5°	811.4	761.5	717.8	680.3	642.9	605.4	555.5	511.8	474.3	430.7	387.0
-40°	761.5	724.0	692.8	661.6	624.1	580.5	543.0	499.3	461.9	418.2	368.2
-42.5°	730.2	699.0	667.8	636.6	605.4	568.0	530.5	486.8	449.4	405.7	355.8
-45°	699.0	674.1	649.1	624.1	592.9	555.5	511.8	468.1	430.7	387.0	349.5
-47.5°	680.3	655.4	630.4	611.7	586.7	536.8	499.3	455.6	411.9	374.5	330.8
-50°	661.6	636.6	617.9	592.9	561.7	518.0	480.6	436.9	399.5	355.8	318.3
-52.5°	642.9	617.9	592.9	568.0	536.8	499.3	461.9	424.4	380.7	337.0	299.6
-55°	624.1	599.2	574.2	549.2	518.0	486.8	449.4	399.5	355.8	312.1	274.6
-57.5°	605.4	586.7	555.5	524.3	493.1	461.9	418.2	374.5	330.8	287.1	255.9
-60°	580.5	555.5	530.5	493.1	461.9	424.4	387.0	349.5	305.8	268.4	237.2
-62.5°	543.0	518.0	493.1	455.6	424.4	393.2	362.0	318.3	287.1	249.7	218.5
-65°	499.3	474.3	449.4	418.2	387.0	355.8	330.8	293.3	262.1	230.9	206.0
-67.5°	449.4	424.4	405.7	374.5	349.5	318.3	293.3	262.1	230.9	206.0	181.0
-70°	387.0	368.2	349.5	324.6	299.6	274.6	249.7	224.7	199.7	181.0	156.0
-72.5°	330.8	312.1	293.3	274.6	255.9	230.9	212.2	193.5	174.8	156.0	143.6
-75°	268.4	255.9	243.4	230.9	212.2	193.5	181.0	162.3	149.8	137.3	131.1
-77.5°	224.7	212.2	199.7	187.2	174.8	162.3	149.8	137.3	131.1	124.8	118.6
-80°	181.0	174.8	168.5	156.0	149.8	137.3	131.1	118.6	118.6	118.6	118.6
-82.5°	143.6	137.3	131.1	124.8	118.6	112.3	112.3	106.1	112.3	112.3	106.1
-85°	99.9	93.6	87.4	87.4	81.1	81.1	74.9	74.9	74.9	68.7	68.7
-87.5°	43.7	43.7	43.7	43.7	37.4	37.4	37.4	37.4	37.4	31.2	31.2
-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: P724037
 CATALOG NUMBER: IFLD-L-SA8C-722-U-22-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°	12.5	12.5	6.2	6.2	6.2	6.2	6.2	6.2	6.2	0.0	0.0
85°	25.0	25.0	18.7	18.7	18.7	12.5	12.5	6.2	6.2	6.2	6.2
82.5°	56.2	49.9	43.7	37.4	31.2	25.0	18.7	12.5	12.5	6.2	6.2
80°	68.7	68.7	68.7	62.4	49.9	37.4	25.0	18.7	12.5	6.2	6.2
77.5°	49.9	49.9	56.2	62.4	62.4	49.9	31.2	18.7	12.5	12.5	6.2
75°	37.4	37.4	37.4	43.7	49.9	49.9	37.4	25.0	12.5	12.5	6.2
72.5°	37.4	37.4	37.4	37.4	37.4	37.4	37.4	25.0	18.7	12.5	12.5
70°	31.2	31.2	31.2	31.2	31.2	31.2	31.2	25.0	18.7	12.5	12.5
67.5°	25.0	25.0	31.2	31.2	31.2	25.0	25.0	25.0	18.7	12.5	12.5
65°	18.7	25.0	25.0	31.2	25.0	25.0	25.0	18.7	18.7	12.5	12.5
62.5°	18.7	18.7	25.0	25.0	25.0	25.0	18.7	18.7	18.7	12.5	12.5
60°	18.7	18.7	18.7	25.0	18.7	18.7	18.7	18.7	18.7	12.5	12.5
57.5°	18.7	18.7	18.7	18.7	18.7	18.7	18.7	12.5	12.5	12.5	12.5
55°	18.7	18.7	18.7	18.7	18.7	18.7	12.5	12.5	12.5	12.5	12.5
52.5°	25.0	18.7	18.7	18.7	18.7	18.7	12.5	12.5	12.5	12.5	12.5
50°	31.2	18.7	18.7	18.7	18.7	12.5	12.5	12.5	12.5	12.5	12.5
47.5°	43.7	31.2	25.0	18.7	18.7	12.5	12.5	12.5	12.5	12.5	6.2
45°	62.4	43.7	31.2	25.0	18.7	12.5	12.5	12.5	12.5	12.5	6.2
42.5°	74.9	56.2	37.4	31.2	25.0	18.7	12.5	12.5	12.5	6.2	6.2
40°	93.6	74.9	49.9	37.4	25.0	18.7	12.5	12.5	12.5	6.2	6.2
37.5°	118.6	93.6	62.4	43.7	31.2	18.7	18.7	12.5	12.5	6.2	6.2
35°	137.3	106.1	81.1	49.9	37.4	25.0	18.7	12.5	12.5	6.2	6.2
32.5°	156.0	124.8	99.9	62.4	43.7	31.2	25.0	12.5	12.5	6.2	6.2
30°	174.8	143.6	112.3	81.1	56.2	37.4	25.0	12.5	12.5	6.2	6.2
27.5°	193.5	156.0	124.8	93.6	62.4	43.7	31.2	18.7	12.5	6.2	6.2
25°	212.2	174.8	137.3	106.1	68.7	49.9	31.2	18.7	12.5	12.5	6.2
22.5°	224.7	193.5	156.0	118.6	81.1	56.2	37.4	25.0	12.5	12.5	6.2
20°	243.4	212.2	168.5	131.1	93.6	62.4	37.4	25.0	12.5	12.5	6.2
17.5°	262.1	224.7	181.0	143.6	106.1	68.7	43.7	31.2	12.5	12.5	6.2
15°	280.9	237.2	193.5	149.8	112.3	74.9	43.7	31.2	12.5	12.5	6.2
12.5°	299.6	255.9	206.0	162.3	118.6	81.1	49.9	37.4	18.7	12.5	6.2
10°	312.1	268.4	218.5	168.5	124.8	93.6	56.2	37.4	18.7	12.5	6.2
7.5°	330.8	280.9	230.9	181.0	131.1	99.9	62.4	37.4	18.7	12.5	6.2
5°	337.0	293.3	237.2	193.5	137.3	106.1	68.7	43.7	18.7	12.5	6.2
2.5°	343.3	305.8	243.4	199.7	143.6	106.1	68.7	43.7	25.0	12.5	6.2
0°	349.5	312.1	249.7	206.0	149.8	112.3	74.9	43.7	25.0	12.5	6.2
-2.5°	355.8	318.3	262.1	212.2	156.0	118.6	81.1	43.7	25.0	12.5	6.2
-5°	362.0	318.3	274.6	218.5	162.3	118.6	81.1	49.9	31.2	12.5	6.2
-7.5°	368.2	324.6	280.9	224.7	168.5	118.6	87.4	49.9	31.2	18.7	6.2
-10°	374.5	330.8	287.1	230.9	168.5	124.8	87.4	49.9	31.2	18.7	6.2
-12.5°	380.7	337.0	287.1	230.9	174.8	124.8	87.4	56.2	31.2	18.7	6.2
-15°	387.0	337.0	287.1	230.9	174.8	131.1	93.6	56.2	31.2	18.7	12.5
-17.5°	387.0	337.0	287.1	237.2	174.8	131.1	93.6	56.2	31.2	18.7	12.5
-20°	387.0	337.0	287.1	237.2	174.8	131.1	93.6	56.2	31.2	18.7	12.5



REPORT NUMBER: P724037
 CATALOG NUMBER: IFLD-L-SA8C-722-U-22-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	380.7	330.8	287.1	230.9	174.8	131.1	93.6	56.2	37.4	18.7	12.5
-25°	380.7	330.8	287.1	230.9	174.8	131.1	87.4	56.2	37.4	18.7	12.5
-27.5°	374.5	330.8	280.9	224.7	168.5	124.8	87.4	56.2	37.4	18.7	12.5
-30°	368.2	324.6	274.6	218.5	168.5	124.8	87.4	56.2	37.4	18.7	12.5
-32.5°	362.0	312.1	268.4	212.2	162.3	118.6	87.4	56.2	37.4	18.7	12.5
-35°	349.5	305.8	255.9	206.0	156.0	118.6	81.1	56.2	37.4	25.0	12.5
-37.5°	337.0	293.3	249.7	199.7	149.8	112.3	81.1	56.2	37.4	25.0	12.5
-40°	324.6	287.1	237.2	187.2	143.6	106.1	81.1	56.2	37.4	25.0	18.7
-42.5°	312.1	274.6	230.9	181.0	143.6	106.1	74.9	56.2	37.4	25.0	18.7
-45°	305.8	268.4	218.5	174.8	137.3	106.1	74.9	49.9	37.4	25.0	18.7
-47.5°	293.3	249.7	206.0	168.5	131.1	99.9	68.7	49.9	37.4	25.0	18.7
-50°	274.6	237.2	199.7	162.3	124.8	93.6	68.7	49.9	37.4	25.0	18.7
-52.5°	255.9	218.5	187.2	149.8	118.6	93.6	68.7	49.9	37.4	25.0	18.7
-55°	237.2	206.0	174.8	143.6	112.3	87.4	62.4	49.9	37.4	25.0	18.7
-57.5°	224.7	193.5	162.3	131.1	106.1	81.1	62.4	43.7	31.2	25.0	18.7
-60°	212.2	181.0	149.8	124.8	99.9	81.1	62.4	43.7	31.2	25.0	12.5
-62.5°	193.5	168.5	137.3	118.6	93.6	74.9	56.2	43.7	31.2	25.0	12.5
-65°	174.8	149.8	124.8	106.1	87.4	68.7	56.2	43.7	31.2	25.0	12.5
-67.5°	156.0	137.3	118.6	99.9	81.1	68.7	56.2	43.7	31.2	18.7	12.5
-70°	143.6	124.8	106.1	93.6	81.1	62.4	56.2	43.7	31.2	18.7	12.5
-72.5°	124.8	112.3	99.9	87.4	74.9	68.7	56.2	43.7	25.0	18.7	12.5
-75°	118.6	106.1	93.6	87.4	81.1	68.7	56.2	37.4	25.0	18.7	12.5
-77.5°	118.6	106.1	99.9	93.6	81.1	68.7	49.9	31.2	18.7	18.7	12.5
-80°	118.6	112.3	106.1	87.4	74.9	56.2	37.4	31.2	18.7	12.5	6.2
-82.5°	106.1	87.4	74.9	62.4	56.2	43.7	31.2	25.0	12.5	12.5	6.2
-85°	68.7	56.2	49.9	43.7	37.4	31.2	18.7	12.5	12.5	6.2	6.2
-87.5°	31.2	31.2	25.0	18.7	18.7	12.5	12.5	6.2	6.2	6.2	0.0
-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: P724037
 CATALOG NUMBER: IFLD-L-SA8C-722-U-22-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°	6.2	0.0	0.0	0.0
77.5°	6.2	0.0	0.0	0.0
75°	6.2	6.2	0.0	0.0
72.5°	6.2	6.2	0.0	0.0
70°	6.2	6.2	0.0	0.0
67.5°	6.2	6.2	0.0	0.0
65°	6.2	6.2	0.0	0.0
62.5°	6.2	6.2	0.0	0.0
60°	6.2	6.2	0.0	0.0
57.5°	6.2	6.2	6.2	0.0
55°	6.2	6.2	6.2	0.0
52.5°	6.2	6.2	6.2	0.0
50°	6.2	6.2	6.2	0.0
47.5°	6.2	6.2	6.2	0.0
45°	6.2	6.2	6.2	0.0
42.5°	6.2	6.2	6.2	0.0
40°	6.2	6.2	6.2	0.0
37.5°	6.2	6.2	6.2	0.0
35°	6.2	6.2	6.2	0.0
32.5°	6.2	6.2	6.2	0.0
30°	6.2	6.2	6.2	0.0
27.5°	6.2	6.2	6.2	0.0
25°	6.2	6.2	6.2	0.0
22.5°	6.2	6.2	6.2	0.0
20°	6.2	6.2	6.2	0.0
17.5°	6.2	6.2	6.2	0.0
15°	6.2	6.2	6.2	0.0
12.5°	6.2	6.2	6.2	0.0
10°	6.2	6.2	6.2	0.0
7.5°	6.2	6.2	6.2	0.0
5°	6.2	6.2	6.2	0.0
2.5°	6.2	6.2	6.2	0.0
0°	6.2	6.2	6.2	0.0
-2.5°	6.2	6.2	6.2	0.0
-5°	6.2	6.2	6.2	0.0
-7.5°	6.2	6.2	6.2	0.0
-10°	6.2	6.2	6.2	0.0
-12.5°	6.2	6.2	6.2	0.0
-15°	6.2	6.2	6.2	0.0
-17.5°	6.2	6.2	6.2	0.0
-20°	6.2	6.2	6.2	0.0



REPORT NUMBER: P724037

CATALOG NUMBER: IFLD-L-SA8C-722-U-22-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	6.2	6.2	6.2	0.0
-25°	6.2	6.2	6.2	0.0
-27.5°	6.2	6.2	6.2	0.0
-30°	6.2	6.2	6.2	0.0
-32.5°	6.2	6.2	6.2	0.0
-35°	6.2	6.2	6.2	0.0
-37.5°	6.2	6.2	6.2	0.0
-40°	6.2	6.2	6.2	0.0
-42.5°	6.2	6.2	6.2	0.0
-45°	6.2	6.2	6.2	0.0
-47.5°	6.2	6.2	6.2	0.0
-50°	6.2	6.2	6.2	0.0
-52.5°	6.2	6.2	6.2	0.0
-55°	6.2	6.2	6.2	0.0
-57.5°	6.2	6.2	6.2	0.0
-60°	6.2	6.2	0.0	0.0
-62.5°	6.2	6.2	0.0	0.0
-65°	6.2	6.2	0.0	0.0
-67.5°	6.2	6.2	0.0	0.0
-70°	6.2	6.2	0.0	0.0
-72.5°	6.2	6.2	0.0	0.0
-75°	6.2	6.2	0.0	0.0
-77.5°	6.2	0.0	0.0	0.0
-80°	6.2	0.0	0.0	0.0
-82.5°	6.2	0.0	0.0	0.0
-85°	0.0	0.0	0.0	0.0
-87.5°	0.0	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)