

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: P724025

Luminaire Tested: **IFLD-M-SA4A-722-U-22-VI**

Issue Date: 01/11/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P724025  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 01/11/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-M-SA4A-722-U-22-VI  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 2 distribution lens and Visor  
Light Source: (64) 2200K CCT, 70 CRI LEDs  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

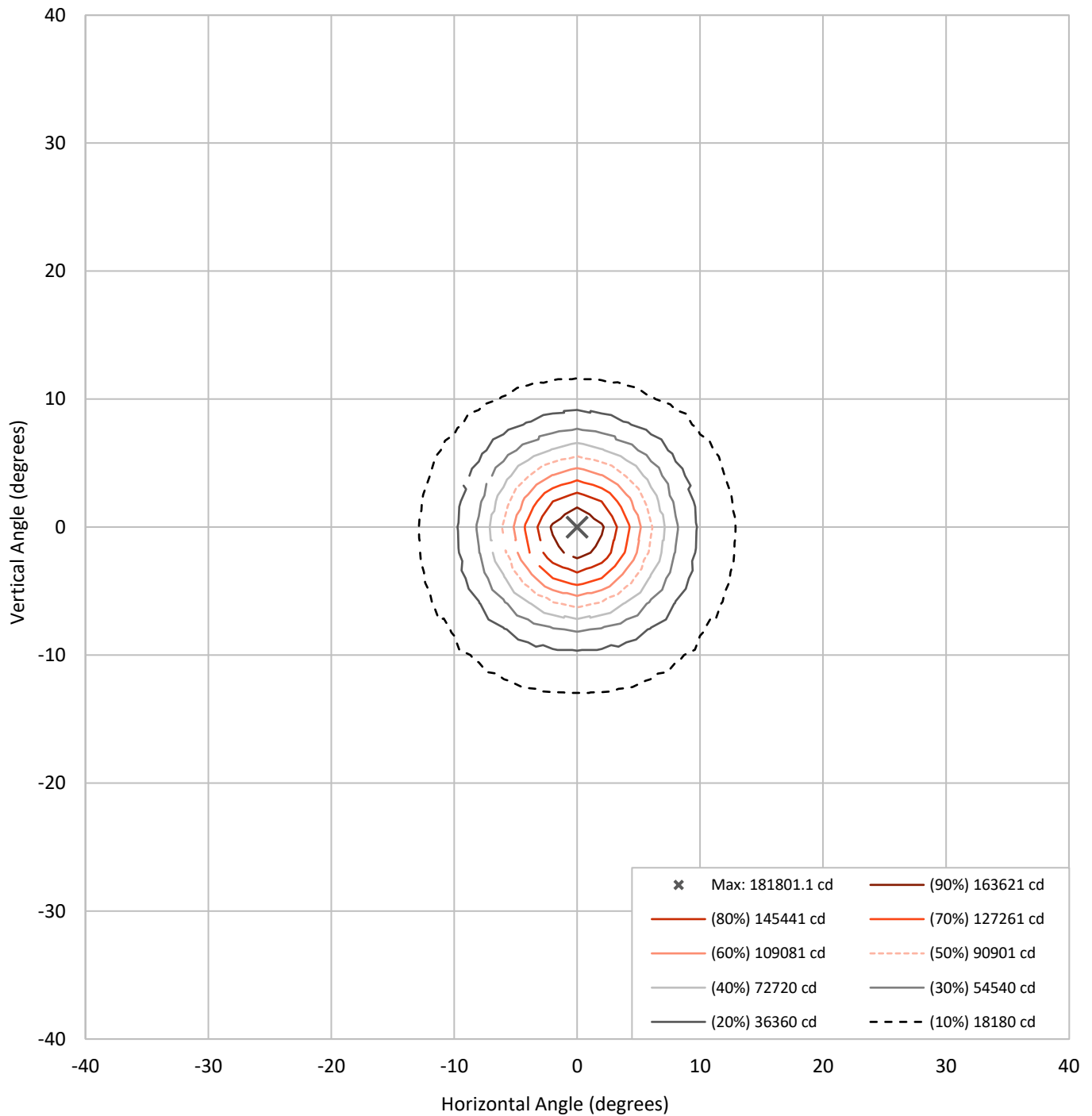
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	12698.9 lumens	Max Intensity:	181801.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	98.7 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 0.5' x H: 0')		
Beam Angle (50%):	12.2°H x 11.7°V	Field Angle (10%):	25.1°H x 24.3°V
Beam Lumens:	3972.8 lumens	Field Lumens:	9039.5 lumens
Beam Efficiency:	31.3%	Field Efficiency:	71.2%

Input Watts (W): 128.6  
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





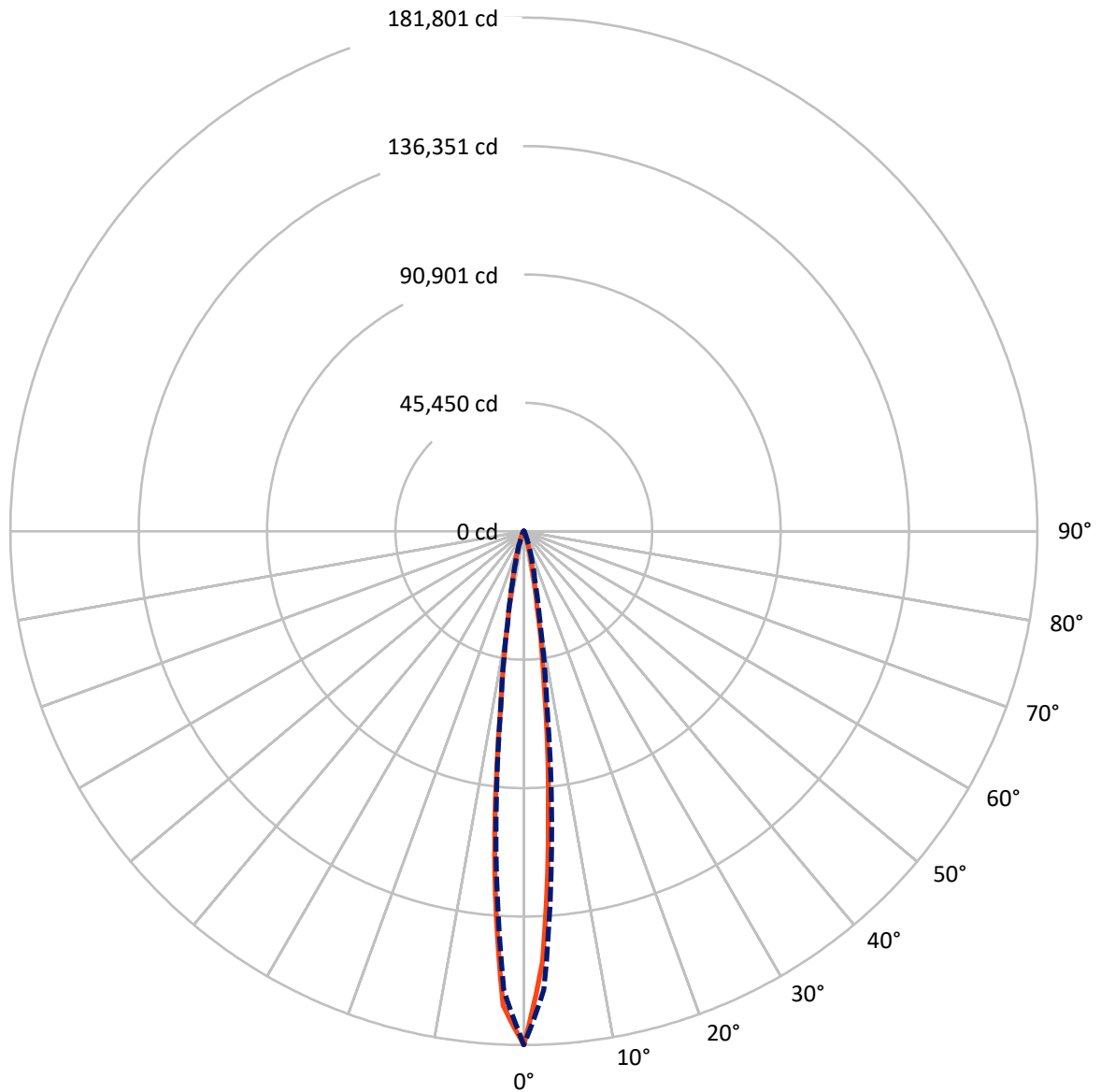
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### Lumen Table

90	0.1	0.8	0.6	0.3	0.0	0.3	0.6	0.8	0.1										
80	0.1	0.8	0.6	0.3	0.0	0.3	0.6	0.8	0.1										
70	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1			
60		0.1	0.1	0.4	0.7	1.0	1.2	1.4	1.4	1.2	1.0	0.7	0.4	0.1	0.1				
50	0.1	0.1	0.4	1.0	1.8	2.6	3.4	4.0	4.0	3.4	2.6	1.8	1.0	0.4	0.1	0.1			
40		0.2	0.9	1.9	3.2	5.1	7.7	9.2	9.2	7.7	5.1	3.2	1.9	0.9	0.2				
30	0.1	0.4	1.4	2.8	5.1	8.8	16.9	27.3	27.3	16.9	8.8	5.1	2.8	1.4	0.4	0.1			
20		0.6	1.8	3.8	7.7	19.2	100.1	253.1	253.1	100.1	19.2	7.7	3.8	1.8	0.6				
10	0.2	0.7	2.2	4.5	9.4	38.9	322.2	1985.7	1985.7	322.2	38.9	9.4	4.5	2.2	0.7	0.2			
0		0.8	2.4	4.8	9.8	44.3	354.6	2186.7	2186.7	354.6	44.3	9.8	4.8	2.4	0.8				
-10	0.3	0.9	2.5	4.7	9.2	26.6	159.1	383.5	383.5	159.1	26.6	9.2	4.7	2.5	0.9	0.3			
-20		0.9	2.4	4.5	7.8	13.5	32.9	61.8	61.8	32.9	13.5	7.8	4.5	2.4	0.9				
-30	0.3	0.8	2.2	4.2	6.5	9.6	13.6	15.9	15.9	13.6	9.6	6.5	4.2	2.2	0.8	0.3			
-40		0.7	2.0	3.7	5.7	7.5	9.4	10.5	10.5	9.4	7.5	5.7	3.7	2.0	0.7				
-50	0.2	0.6	1.6	3.1	5.0	6.5	8.0	8.7	8.7	8.0	6.5	5.0	3.1	1.6	0.6	0.2			
-60		0.4	1.1	2.3	3.8	5.2	6.6	7.3	7.3	6.6	5.2	3.8	2.3	1.1	0.4				
-70	0.1	0.6	1.6	3.1	5.0	6.5	8.0	8.7	8.7	8.0	6.5	5.0	3.1	1.6	0.6	0.1			
-80		0.4	1.1	2.3	3.8	5.2	6.6	7.3	7.3	6.6	5.2	3.8	2.3	1.1	0.4				
-90	0.1	1.7	4.8	8.8	10.6	8.8	4.8	1.7	0.1										
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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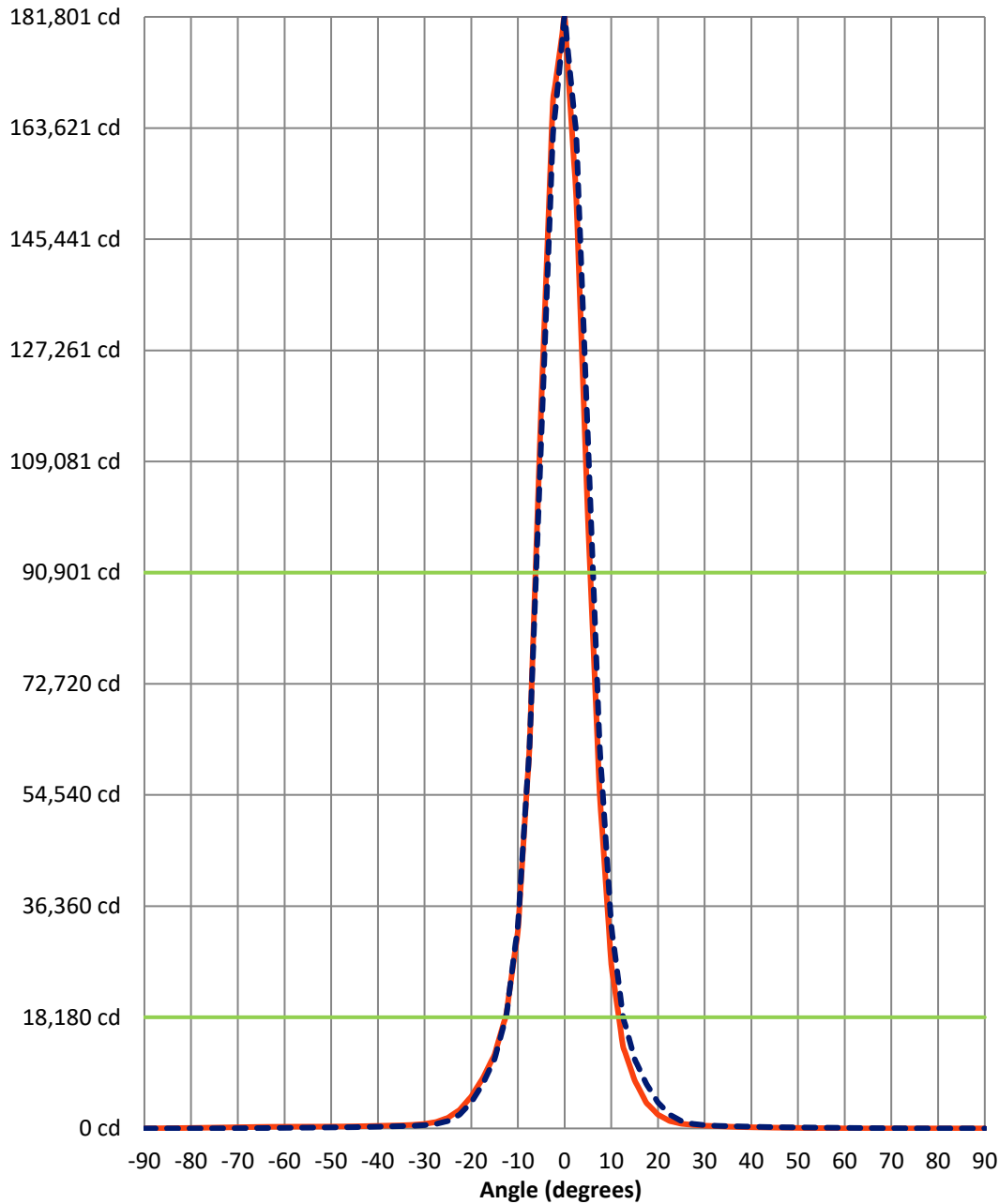
### Luminous Intensity Polar Plot



— 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: 3972.8  
Efficiency: 31.3%

**Field:**  
H Angle: 25.1°  
V Angle: 24.3°  
Lumens: 9039.5  
Efficiency: 71.2%

**Spill:**  
Lumens: 3659.4  
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	2.3	2.3
85°	0.0	0.0	0.0	0.0	2.3	2.3	2.3	2.3	2.3	4.6	4.6
82.5°	0.0	0.0	0.0	0.0	2.3	2.3	2.3	2.3	4.6	4.6	4.6
80°	0.0	0.0	0.0	0.0	2.3	2.3	2.3	2.3	4.6	4.6	4.6
77.5°	0.0	0.0	0.0	0.0	2.3	2.3	2.3	2.3	2.3	2.3	4.6
75°	0.0	0.0	0.0	0.0	2.3	2.3	2.3	2.3	2.3	2.3	2.3
72.5°	0.0	0.0	0.0	0.0	2.3	2.3	2.3	2.3	2.3	2.3	2.3
70°	0.0	0.0	0.0	0.0	2.3	2.3	2.3	2.3	2.3	2.3	2.3
67.5°	0.0	0.0	0.0	0.0	2.3	2.3	2.3	2.3	2.3	2.3	2.3
65°	0.0	0.0	0.0	0.0	2.3	2.3	2.3	2.3	2.3	2.3	2.3
62.5°	0.0	0.0	0.0	0.0	2.3	2.3	2.3	2.3	2.3	2.3	2.3
60°	4.6	4.6	4.6	4.6	6.8	6.8	9.1	9.1	9.1	4.6	9.1
57.5°	36.4	36.4	34.1	31.9	29.6	27.3	27.3	27.3	27.3	27.3	22.8
55°	50.1	50.1	50.1	47.8	47.8	45.5	43.2	41.0	41.0	38.7	36.4
52.5°	59.2	59.2	59.2	59.2	56.9	56.9	56.9	54.6	50.1	50.1	47.8
50°	84.2	81.9	81.9	81.9	81.9	77.4	75.1	70.5	68.3	66.0	63.7
47.5°	109.2	109.2	106.9	106.9	104.7	100.1	95.6	91.0	86.5	84.2	79.6
45°	129.7	129.7	127.4	127.4	125.1	120.6	113.8	106.9	102.4	97.8	93.3
42.5°	159.3	157.0	154.7	152.4	147.9	141.1	132.0	122.9	116.0	109.2	104.7
40°	191.1	191.1	188.8	186.6	179.7	172.9	161.5	150.2	138.8	125.1	118.3
37.5°	229.8	232.1	234.3	234.3	229.8	220.7	204.8	191.1	172.9	154.7	145.6
35°	300.3	300.3	304.9	304.9	298.0	286.7	275.3	245.7	223.0	200.2	179.7
32.5°	377.7	379.9	370.8	364.0	354.9	341.3	320.8	295.8	270.7	241.2	218.4
30°	452.7	452.7	441.4	427.7	409.5	386.8	361.7	334.4	304.9	275.3	248.0
27.5°	571.0	559.7	550.6	527.8	496.0	452.7	420.9	377.7	339.0	304.9	275.3
25°	766.7	764.4	743.9	705.3	641.6	573.3	521.0	448.2	389.0	336.7	302.6
22.5°	1219.4	1203.5	1155.7	1060.2	910.0	791.7	684.8	571.0	464.1	393.6	339.0
20°	2254.6	2202.2	2074.8	1810.9	1474.2	1242.2	976.0	784.9	605.2	473.2	391.3
17.5°	4206.6	4172.4	4124.7	3514.9	2830.2	2338.7	1740.4	1203.5	860.0	618.8	464.1
15°	7885.3	7632.8	7105.0	6374.7	5416.9	4186.1	3078.1	1942.9	1228.5	823.6	589.2
12.5°	13479.6	13199.8	11837.1	10010.2	8288.0	6536.2	4588.8	2953.0	1749.5	1046.5	698.4
10°	26859.2	24827.6	21012.3	15681.9	12239.7	9127.5	6442.9	4029.1	2277.3	1321.8	828.1
7.5°	55012.9	48374.3	37276.6	26315.4	17033.3	11971.3	8228.8	5269.0	3034.9	1654.0	946.4
5°	99708.4	87930.5	66244.8	39888.4	24734.3	15003.9	9764.5	6265.5	3592.3	1924.7	1064.7
2.5°	152248.3	137012.3	95772.6	54849.1	30499.3	17351.8	10838.3	6920.7	3947.2	2109.0	1155.7
0°	181801.1	162395.0	112787.6	62795.8	33245.2	18348.2	11363.8	7314.3	4247.5	2259.1	1214.9
-2.5°	167939.3	152316.5	103653.3	58332.1	31768.7	17911.4	11438.9	7412.1	4297.6	2300.1	1242.2
-5°	118363.8	105541.6	71720.8	43046.1	26954.7	16498.6	10792.8	7043.5	4158.8	2240.9	1230.8
-7.5°	62620.6	56819.2	42534.2	30931.5	19674.6	13964.2	9716.7	6390.6	3799.3	2081.7	1162.5
-10°	32353.4	31163.6	26854.6	20243.3	15920.8	11698.3	8292.5	5464.7	3176.0	1792.7	1046.5
-12.5°	18653.1	18450.6	17065.1	14649.0	12207.9	9609.8	6804.7	4456.8	2650.4	1485.6	882.7
-15°	12078.2	12164.7	11682.4	10676.8	9286.7	7191.4	5228.1	3314.7	1961.1	1203.5	778.1
-17.5°	8242.5	8219.7	7994.5	7305.2	6185.8	4857.2	3464.9	2341.0	1485.6	937.3	646.1
-20°	5214.4	5223.5	5014.2	4538.7	3715.1	2994.0	2156.7	1578.9	1053.3	737.1	571.0



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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°	3025.8	3032.6	2900.7	2632.2	2200.0	1774.5	1401.4	1044.2	775.8	614.3	500.5
-25°	1738.1	1710.8	1658.5	1528.8	1326.4	1094.3	930.5	734.8	621.1	521.0	457.3
-27.5°	1053.3	1035.1	1007.8	951.0	871.3	755.3	680.2	593.8	527.8	468.7	430.0
-30°	734.8	741.7	718.9	689.3	652.9	600.6	559.7	518.7	475.5	439.1	402.7
-32.5°	584.7	589.2	577.9	566.5	548.3	527.8	502.8	473.2	439.1	405.0	370.8
-35°	502.8	505.1	505.1	502.8	498.2	482.3	464.1	436.8	405.0	373.1	343.5
-37.5°	461.8	464.1	464.1	461.8	455.0	441.4	423.2	400.4	370.8	341.3	318.5
-40°	418.6	420.9	418.6	414.1	407.2	393.6	379.9	361.7	339.0	314.0	293.5
-42.5°	377.7	375.4	373.1	368.6	361.7	352.6	341.3	327.6	311.7	293.5	277.6
-45°	339.0	339.0	336.7	334.4	329.9	323.1	316.2	304.9	293.5	279.8	266.2
-47.5°	318.5	318.5	316.2	314.0	311.7	307.1	300.3	291.2	282.1	270.7	259.4
-50°	304.9	304.9	304.9	302.6	300.3	295.8	288.9	282.1	273.0	261.6	250.3
-52.5°	295.8	295.8	295.8	293.5	291.2	288.9	282.1	273.0	261.6	252.5	243.4
-55°	291.2	288.9	288.9	286.7	284.4	282.1	273.0	263.9	254.8	245.7	236.6
-57.5°	284.4	282.1	282.1	279.8	277.6	275.3	266.2	257.1	248.0	236.6	229.8
-60°	277.6	275.3	275.3	270.7	268.5	266.2	257.1	248.0	238.9	229.8	220.7
-62.5°	268.5	266.2	263.9	261.6	257.1	252.5	245.7	236.6	225.2	216.1	207.0
-65°	248.0	245.7	243.4	241.2	238.9	236.6	229.8	218.4	209.3	200.2	191.1
-67.5°	223.0	223.0	223.0	218.4	216.1	211.6	207.0	197.9	188.8	179.7	172.9
-70°	193.4	193.4	193.4	188.8	186.6	184.3	177.5	170.6	163.8	157.0	147.9
-72.5°	163.8	161.5	161.5	159.3	154.7	152.4	147.9	143.3	136.5	132.0	125.1
-75°	134.2	132.0	132.0	129.7	127.4	125.1	120.6	118.3	113.8	109.2	102.4
-77.5°	106.9	106.9	106.9	104.7	102.4	100.1	97.8	95.6	93.3	88.7	84.2
-80°	81.9	81.9	81.9	81.9	81.9	81.9	81.9	79.6	75.1	72.8	70.5
-82.5°	59.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	59.2	56.9	54.6
-85°	38.7	41.0	41.0	43.2	45.5	45.5	47.8	45.5	43.2	38.7	36.4
-87.5°	20.5	20.5	20.5	20.5	20.5	20.5	20.5	18.2	18.2	18.2	15.9
-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°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	4.6	4.6	4.6
85°	4.6	4.6	4.6	4.6	6.8	6.8	6.8	9.1	9.1	9.1	9.1
82.5°	4.6	6.8	6.8	6.8	9.1	9.1	11.4	13.7	18.2	20.5	20.5
80°	4.6	6.8	6.8	6.8	9.1	9.1	11.4	11.4	13.7	15.9	20.5
77.5°	4.6	4.6	6.8	6.8	6.8	9.1	9.1	11.4	11.4	13.7	15.9
75°	2.3	4.6	4.6	4.6	6.8	6.8	9.1	9.1	11.4	11.4	13.7
72.5°	2.3	4.6	4.6	4.6	6.8	6.8	9.1	9.1	9.1	11.4	11.4
70°	2.3	4.6	4.6	4.6	4.6	6.8	6.8	6.8	9.1	9.1	9.1
67.5°	2.3	2.3	2.3	4.6	4.6	4.6	4.6	6.8	6.8	6.8	9.1
65°	2.3	2.3	2.3	2.3	4.6	4.6	4.6	4.6	6.8	6.8	6.8
62.5°	2.3	2.3	2.3	4.6	4.6	4.6	4.6	4.6	6.8	6.8	6.8
60°	9.1	9.1	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
57.5°	20.5	20.5	18.2	15.9	13.7	13.7	11.4	9.1	9.1	6.8	6.8
55°	34.1	31.9	29.6	25.0	22.8	20.5	18.2	13.7	11.4	9.1	6.8
52.5°	43.2	41.0	38.7	36.4	31.9	27.3	25.0	22.8	18.2	13.7	11.4
50°	63.7	56.9	52.3	47.8	43.2	38.7	34.1	31.9	25.0	20.5	15.9
47.5°	77.4	72.8	66.0	61.4	56.9	50.1	43.2	38.7	34.1	27.3	20.5
45°	88.7	84.2	77.4	72.8	68.3	61.4	54.6	47.8	43.2	36.4	27.3
42.5°	100.1	95.6	88.7	84.2	77.4	70.5	63.7	56.9	50.1	45.5	36.4
40°	116.0	109.2	100.1	95.6	91.0	81.9	72.8	66.0	59.2	52.3	43.2
37.5°	136.5	129.7	118.3	109.2	102.4	95.6	86.5	77.4	70.5	61.4	52.3
35°	168.4	157.0	141.1	127.4	118.3	109.2	97.8	88.7	79.6	70.5	61.4
32.5°	200.2	182.0	161.5	145.6	132.0	120.6	109.2	100.1	88.7	77.4	68.3
30°	225.2	204.8	184.3	161.5	145.6	132.0	120.6	109.2	97.8	86.5	75.1
27.5°	250.3	227.5	204.8	182.0	159.3	141.1	129.7	118.3	106.9	95.6	81.9
25°	275.3	250.3	227.5	202.5	175.2	154.7	138.8	129.7	118.3	104.7	88.7
22.5°	298.0	275.3	252.5	225.2	193.4	166.1	150.2	138.8	127.4	111.5	97.8
20°	341.3	311.7	284.4	250.3	213.9	186.6	166.1	150.2	136.5	120.6	104.7
17.5°	398.1	354.9	318.5	279.8	243.4	209.3	179.7	161.5	147.9	129.7	111.5
15°	470.9	395.9	350.4	311.7	268.5	229.8	197.9	172.9	154.7	136.5	120.6
12.5°	525.5	427.7	377.7	341.3	295.8	252.5	211.6	182.0	161.5	143.3	125.1
10°	587.0	461.8	400.4	359.5	311.7	263.9	220.7	188.8	166.1	150.2	132.0
7.5°	637.0	489.1	411.8	366.3	320.8	273.0	229.8	195.7	172.9	154.7	136.5
5°	682.5	511.9	420.9	368.6	325.3	279.8	234.3	200.2	177.5	159.3	141.1
2.5°	714.4	532.4	430.0	373.1	329.9	284.4	241.2	204.8	182.0	163.8	145.6
0°	741.7	539.2	427.7	373.1	332.2	284.4	243.4	207.0	184.3	166.1	147.9
-2.5°	750.8	550.6	439.1	377.7	336.7	288.9	248.0	209.3	186.6	168.4	152.4
-5°	750.8	541.5	439.1	382.2	339.0	291.2	248.0	211.6	188.8	170.6	152.4
-7.5°	723.5	527.8	436.8	386.8	341.3	293.5	248.0	213.9	191.1	172.9	154.7
-10°	675.7	507.3	434.5	389.0	341.3	291.2	248.0	213.9	191.1	172.9	157.0
-12.5°	598.3	480.0	423.2	384.5	336.7	286.7	245.7	213.9	191.1	175.2	157.0
-15°	559.7	457.3	409.5	370.8	325.3	279.8	241.2	211.6	191.1	175.2	159.3
-17.5°	507.3	439.1	395.9	357.2	316.2	273.0	236.6	211.6	191.1	172.9	159.3
-20°	470.9	418.6	379.9	345.8	304.9	266.2	234.3	209.3	191.1	172.9	159.3



REPORT NUMBER: P724025  
 CATALOG NUMBER: IFLD-M-SA4A-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°	439.1	395.9	361.7	327.6	291.2	257.1	229.8	207.0	188.8	172.9	159.3
-25°	414.1	375.4	343.5	311.7	279.8	250.3	225.2	204.8	186.6	172.9	157.0
-27.5°	391.3	354.9	325.3	295.8	266.2	243.4	220.7	202.5	186.6	170.6	154.7
-30°	366.3	336.7	307.1	279.8	259.4	236.6	216.1	197.9	184.3	168.4	152.4
-32.5°	341.3	314.0	288.9	268.5	250.3	232.1	213.9	195.7	179.7	163.8	147.9
-35°	318.5	293.5	275.3	257.1	243.4	227.5	209.3	191.1	177.5	161.5	147.9
-37.5°	295.8	277.6	261.6	248.0	234.3	220.7	202.5	186.6	172.9	157.0	141.1
-40°	277.6	263.9	252.5	241.2	227.5	211.6	197.9	182.0	168.4	152.4	134.2
-42.5°	266.2	254.8	243.4	232.1	220.7	207.0	193.4	177.5	163.8	147.9	129.7
-45°	254.8	245.7	236.6	227.5	216.1	202.5	186.6	170.6	157.0	141.1	127.4
-47.5°	248.0	238.9	229.8	223.0	213.9	195.7	182.0	166.1	150.2	136.5	120.6
-50°	241.2	232.1	225.2	216.1	204.8	188.8	175.2	159.3	145.6	129.7	116.0
-52.5°	234.3	225.2	216.1	207.0	195.7	182.0	168.4	154.7	138.8	122.9	109.2
-55°	227.5	218.4	209.3	200.2	188.8	177.5	163.8	145.6	129.7	113.8	100.1
-57.5°	220.7	213.9	202.5	191.1	179.7	168.4	152.4	136.5	120.6	104.7	93.3
-60°	211.6	202.5	193.4	179.7	168.4	154.7	141.1	127.4	111.5	97.8	86.5
-62.5°	197.9	188.8	179.7	166.1	154.7	143.3	132.0	116.0	104.7	91.0	79.6
-65°	182.0	172.9	163.8	152.4	141.1	129.7	120.6	106.9	95.6	84.2	75.1
-67.5°	163.8	154.7	147.9	136.5	127.4	116.0	106.9	95.6	84.2	75.1	66.0
-70°	141.1	134.2	127.4	118.3	109.2	100.1	91.0	81.9	72.8	66.0	56.9
-72.5°	120.6	113.8	106.9	100.1	93.3	84.2	77.4	70.5	63.7	56.9	52.3
-75°	97.8	93.3	88.7	84.2	77.4	70.5	66.0	59.2	54.6	50.1	47.8
-77.5°	81.9	77.4	72.8	68.3	63.7	59.2	54.6	50.1	47.8	45.5	43.2
-80°	66.0	63.7	61.4	56.9	54.6	50.1	47.8	43.2	43.2	43.2	43.2
-82.5°	52.3	50.1	47.8	45.5	43.2	41.0	41.0	38.7	41.0	41.0	38.7
-85°	36.4	34.1	31.9	31.9	29.6	29.6	27.3	27.3	27.3	25.0	25.0
-87.5°	15.9	15.9	15.9	15.9	13.7	13.7	13.7	13.7	13.7	11.4	11.4
-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: P724025  
 CATALOG NUMBER: IFLD-M-SA4A-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°	4.6	4.6	2.3	2.3	2.3	2.3	2.3	2.3	2.3	0.0	0.0
85°	9.1	9.1	6.8	6.8	6.8	4.6	4.6	2.3	2.3	2.3	2.3
82.5°	20.5	18.2	15.9	13.7	11.4	9.1	6.8	4.6	4.6	2.3	2.3
80°	25.0	25.0	25.0	22.8	18.2	13.7	9.1	6.8	4.6	2.3	2.3
77.5°	18.2	18.2	20.5	22.8	22.8	18.2	11.4	6.8	4.6	4.6	2.3
75°	13.7	13.7	13.7	15.9	18.2	18.2	13.7	9.1	4.6	4.6	2.3
72.5°	13.7	13.7	13.7	13.7	13.7	13.7	13.7	9.1	6.8	4.6	4.6
70°	11.4	11.4	11.4	11.4	11.4	11.4	11.4	9.1	6.8	4.6	4.6
67.5°	9.1	9.1	11.4	11.4	11.4	9.1	9.1	9.1	6.8	4.6	4.6
65°	6.8	9.1	9.1	11.4	9.1	9.1	9.1	6.8	6.8	4.6	4.6
62.5°	6.8	6.8	9.1	9.1	9.1	9.1	6.8	6.8	6.8	4.6	4.6
60°	6.8	6.8	6.8	9.1	6.8	6.8	6.8	6.8	6.8	4.6	4.6
57.5°	6.8	6.8	6.8	6.8	6.8	6.8	6.8	4.6	4.6	4.6	4.6
55°	6.8	6.8	6.8	6.8	6.8	6.8	4.6	4.6	4.6	4.6	4.6
52.5°	9.1	6.8	6.8	6.8	6.8	6.8	4.6	4.6	4.6	4.6	4.6
50°	11.4	6.8	6.8	6.8	6.8	4.6	4.6	4.6	4.6	4.6	4.6
47.5°	15.9	11.4	9.1	6.8	6.8	4.6	4.6	4.6	4.6	4.6	2.3
45°	22.8	15.9	11.4	9.1	6.8	4.6	4.6	4.6	4.6	4.6	2.3
42.5°	27.3	20.5	13.7	11.4	9.1	6.8	4.6	4.6	4.6	2.3	2.3
40°	34.1	27.3	18.2	13.7	9.1	6.8	4.6	4.6	4.6	2.3	2.3
37.5°	43.2	34.1	22.8	15.9	11.4	6.8	6.8	4.6	4.6	2.3	2.3
35°	50.1	38.7	29.6	18.2	13.7	9.1	6.8	4.6	4.6	2.3	2.3
32.5°	56.9	45.5	36.4	22.8	15.9	11.4	9.1	4.6	4.6	2.3	2.3
30°	63.7	52.3	41.0	29.6	20.5	13.7	9.1	4.6	4.6	2.3	2.3
27.5°	70.5	56.9	45.5	34.1	22.8	15.9	11.4	6.8	4.6	2.3	2.3
25°	77.4	63.7	50.1	38.7	25.0	18.2	11.4	6.8	4.6	4.6	2.3
22.5°	81.9	70.5	56.9	43.2	29.6	20.5	13.7	9.1	4.6	4.6	2.3
20°	88.7	77.4	61.4	47.8	34.1	22.8	13.7	9.1	4.6	4.6	2.3
17.5°	95.6	81.9	66.0	52.3	38.7	25.0	15.9	11.4	4.6	4.6	2.3
15°	102.4	86.5	70.5	54.6	41.0	27.3	15.9	11.4	4.6	4.6	2.3
12.5°	109.2	93.3	75.1	59.2	43.2	29.6	18.2	13.7	6.8	4.6	2.3
10°	113.8	97.8	79.6	61.4	45.5	34.1	20.5	13.7	6.8	4.6	2.3
7.5°	120.6	102.4	84.2	66.0	47.8	36.4	22.8	13.7	6.8	4.6	2.3
5°	122.9	106.9	86.5	70.5	50.1	38.7	25.0	15.9	6.8	4.6	2.3
2.5°	125.1	111.5	88.7	72.8	52.3	38.7	25.0	15.9	9.1	4.6	2.3
0°	127.4	113.8	91.0	75.1	54.6	41.0	27.3	15.9	9.1	4.6	2.3
-2.5°	129.7	116.0	95.6	77.4	56.9	43.2	29.6	15.9	9.1	4.6	2.3
-5°	132.0	116.0	100.1	79.6	59.2	43.2	29.6	18.2	11.4	4.6	2.3
-7.5°	134.2	118.3	102.4	81.9	61.4	43.2	31.9	18.2	11.4	6.8	2.3
-10°	136.5	120.6	104.7	84.2	61.4	45.5	31.9	18.2	11.4	6.8	2.3
-12.5°	138.8	122.9	104.7	84.2	63.7	45.5	31.9	20.5	11.4	6.8	2.3
-15°	141.1	122.9	104.7	84.2	63.7	47.8	34.1	20.5	11.4	6.8	4.6
-17.5°	141.1	122.9	104.7	86.5	63.7	47.8	34.1	20.5	11.4	6.8	4.6
-20°	141.1	122.9	104.7	86.5	63.7	47.8	34.1	20.5	11.4	6.8	4.6



REPORT NUMBER: P724025  
 CATALOG NUMBER: IFLD-M-SA4A-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°	138.8	120.6	104.7	84.2	63.7	47.8	34.1	20.5	13.7	6.8	4.6
-25°	138.8	120.6	104.7	84.2	63.7	47.8	31.9	20.5	13.7	6.8	4.6
-27.5°	136.5	120.6	102.4	81.9	61.4	45.5	31.9	20.5	13.7	6.8	4.6
-30°	134.2	118.3	100.1	79.6	61.4	45.5	31.9	20.5	13.7	6.8	4.6
-32.5°	132.0	113.8	97.8	77.4	59.2	43.2	31.9	20.5	13.7	6.8	4.6
-35°	127.4	111.5	93.3	75.1	56.9	43.2	29.6	20.5	13.7	9.1	4.6
-37.5°	122.9	106.9	91.0	72.8	54.6	41.0	29.6	20.5	13.7	9.1	4.6
-40°	118.3	104.7	86.5	68.3	52.3	38.7	29.6	20.5	13.7	9.1	6.8
-42.5°	113.8	100.1	84.2	66.0	52.3	38.7	27.3	20.5	13.7	9.1	6.8
-45°	111.5	97.8	79.6	63.7	50.1	38.7	27.3	18.2	13.7	9.1	6.8
-47.5°	106.9	91.0	75.1	61.4	47.8	36.4	25.0	18.2	13.7	9.1	6.8
-50°	100.1	86.5	72.8	59.2	45.5	34.1	25.0	18.2	13.7	9.1	6.8
-52.5°	93.3	79.6	68.3	54.6	43.2	34.1	25.0	18.2	13.7	9.1	6.8
-55°	86.5	75.1	63.7	52.3	41.0	31.9	22.8	18.2	13.7	9.1	6.8
-57.5°	81.9	70.5	59.2	47.8	38.7	29.6	22.8	15.9	11.4	9.1	6.8
-60°	77.4	66.0	54.6	45.5	36.4	29.6	22.8	15.9	11.4	9.1	4.6
-62.5°	70.5	61.4	50.1	43.2	34.1	27.3	20.5	15.9	11.4	9.1	4.6
-65°	63.7	54.6	45.5	38.7	31.9	25.0	20.5	15.9	11.4	9.1	4.6
-67.5°	56.9	50.1	43.2	36.4	29.6	25.0	20.5	15.9	11.4	6.8	4.6
-70°	52.3	45.5	38.7	34.1	29.6	22.8	20.5	15.9	11.4	6.8	4.6
-72.5°	45.5	41.0	36.4	31.9	27.3	25.0	20.5	15.9	9.1	6.8	4.6
-75°	43.2	38.7	34.1	31.9	29.6	25.0	20.5	13.7	9.1	6.8	4.6
-77.5°	43.2	38.7	36.4	34.1	29.6	25.0	18.2	11.4	6.8	6.8	4.6
-80°	43.2	41.0	38.7	31.9	27.3	20.5	13.7	11.4	6.8	4.6	2.3
-82.5°	38.7	31.9	27.3	22.8	20.5	15.9	11.4	9.1	4.6	4.6	2.3
-85°	25.0	20.5	18.2	15.9	13.7	11.4	6.8	4.6	4.6	2.3	2.3
-87.5°	11.4	11.4	9.1	6.8	6.8	4.6	4.6	2.3	2.3	2.3	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: P724025  
 CATALOG NUMBER: IFLD-M-SA4A-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°	2.3	0.0	0.0	0.0
77.5°	2.3	0.0	0.0	0.0
75°	2.3	2.3	0.0	0.0
72.5°	2.3	2.3	0.0	0.0
70°	2.3	2.3	0.0	0.0
67.5°	2.3	2.3	0.0	0.0
65°	2.3	2.3	0.0	0.0
62.5°	2.3	2.3	0.0	0.0
60°	2.3	2.3	0.0	0.0
57.5°	2.3	2.3	2.3	0.0
55°	2.3	2.3	2.3	0.0
52.5°	2.3	2.3	2.3	0.0
50°	2.3	2.3	2.3	0.0
47.5°	2.3	2.3	2.3	0.0
45°	2.3	2.3	2.3	0.0
42.5°	2.3	2.3	2.3	0.0
40°	2.3	2.3	2.3	0.0
37.5°	2.3	2.3	2.3	0.0
35°	2.3	2.3	2.3	0.0
32.5°	2.3	2.3	2.3	0.0
30°	2.3	2.3	2.3	0.0
27.5°	2.3	2.3	2.3	0.0
25°	2.3	2.3	2.3	0.0
22.5°	2.3	2.3	2.3	0.0
20°	2.3	2.3	2.3	0.0
17.5°	2.3	2.3	2.3	0.0
15°	2.3	2.3	2.3	0.0
12.5°	2.3	2.3	2.3	0.0
10°	2.3	2.3	2.3	0.0
7.5°	2.3	2.3	2.3	0.0
5°	2.3	2.3	2.3	0.0
2.5°	2.3	2.3	2.3	0.0
0°	2.3	2.3	2.3	0.0
-2.5°	2.3	2.3	2.3	0.0
-5°	2.3	2.3	2.3	0.0
-7.5°	2.3	2.3	2.3	0.0
-10°	2.3	2.3	2.3	0.0
-12.5°	2.3	2.3	2.3	0.0
-15°	2.3	2.3	2.3	0.0
-17.5°	2.3	2.3	2.3	0.0
-20°	2.3	2.3	2.3	0.0



REPORT NUMBER: P724025  
CATALOG NUMBER: IFLD-M-SA4A-722-U-22-VI

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
-22.5°	2.3	2.3	2.3	0.0
-25°	2.3	2.3	2.3	0.0
-27.5°	2.3	2.3	2.3	0.0
-30°	2.3	2.3	2.3	0.0
-32.5°	2.3	2.3	2.3	0.0
-35°	2.3	2.3	2.3	0.0
-37.5°	2.3	2.3	2.3	0.0
-40°	2.3	2.3	2.3	0.0
-42.5°	2.3	2.3	2.3	0.0
-45°	2.3	2.3	2.3	0.0
-47.5°	2.3	2.3	2.3	0.0
-50°	2.3	2.3	2.3	0.0
-52.5°	2.3	2.3	2.3	0.0
-55°	2.3	2.3	2.3	0.0
-57.5°	2.3	2.3	2.3	0.0
-60°	2.3	2.3	0.0	0.0
-62.5°	2.3	2.3	0.0	0.0
-65°	2.3	2.3	0.0	0.0
-67.5°	2.3	2.3	0.0	0.0
-70°	2.3	2.3	0.0	0.0
-72.5°	2.3	2.3	0.0	0.0
-75°	2.3	2.3	0.0	0.0
-77.5°	2.3	0.0	0.0	0.0
-80°	2.3	0.0	0.0	0.0
-82.5°	2.3	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)