

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: P724073

Luminaire Tested: **IFLD-S-SA3A-730-U-22-VI**

Issue Date: 01/11/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P724073  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 01/11/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-S-SA3A-730-U-22-VI  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 2 distribution lens and Visor  
Light Source: (48) 3000K CCT, 70 CRI LEDs  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

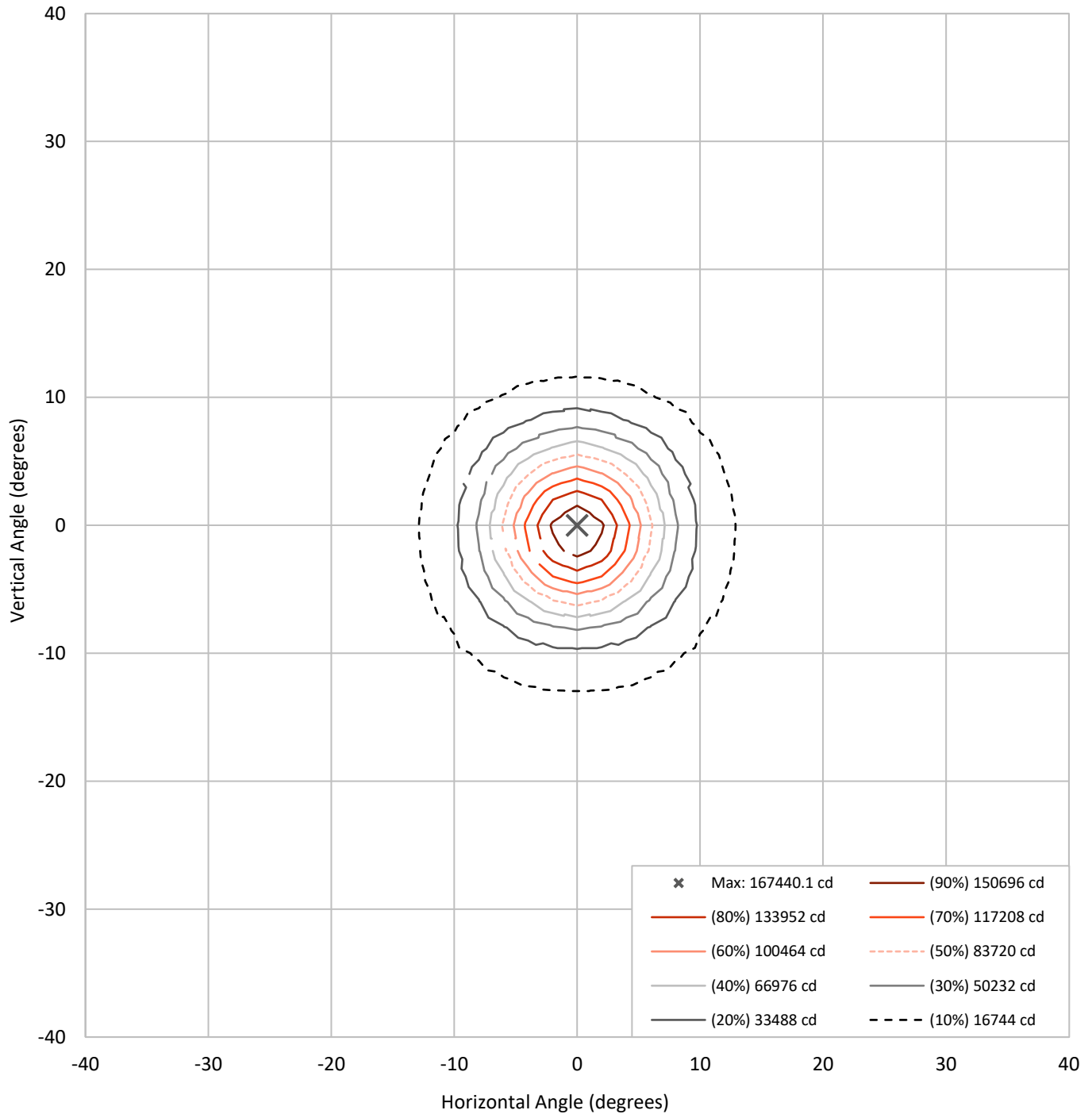
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	11695.8 lumens	Max Intensity:	167440.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	123.4 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	12.2°H x 11.7°V	Field Angle (10%):	25.1°H x 24.3°V
Beam Lumens:	3659 lumens	Field Lumens:	8325.5 lumens
Beam Efficiency:	31.3%	Field Efficiency:	71.2%

Input Watts (W): 94.8  
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





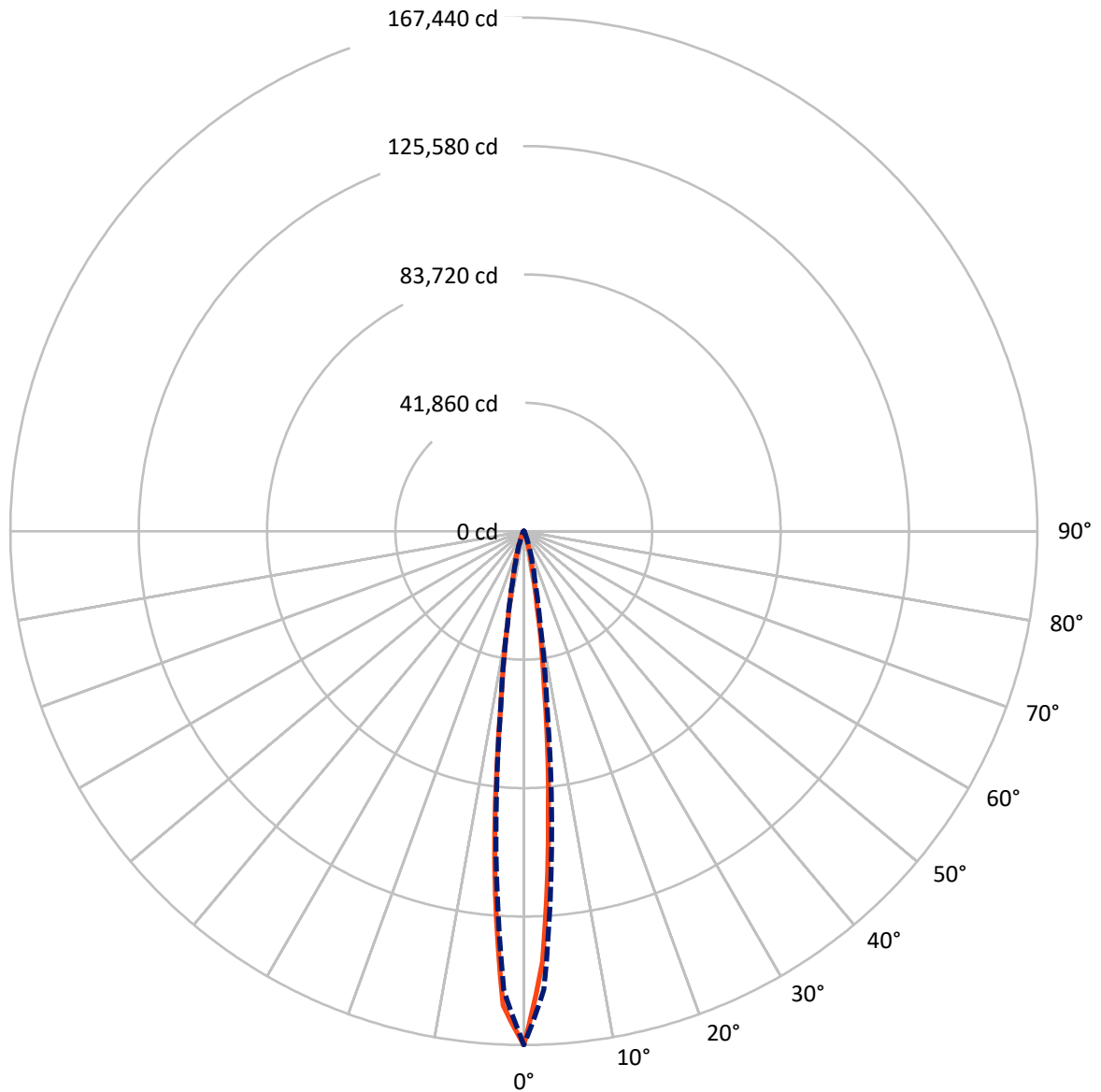
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### Lumen Table

90	0.1	0.7	0.6	0.3	0.0	0.3	0.6	0.7	0.1										
80	0.1	0.7	0.6	0.3	0.0	0.3	0.6	0.7	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	0.1	0.1	
60		0.1	0.1	0.3	0.6	0.9	1.1	1.3	1.3	1.1	0.9	0.6	0.3	0.1	0.1				
50	0.1	0.1	0.4	1.0	1.7	2.4	3.1	3.7	3.7	3.1	2.4	1.7	1.0	0.4	0.1			0.1	
40		0.2	0.8	1.8	3.0	4.7	7.1	8.5	8.5	7.1	4.7	3.0	1.8	0.8	0.2				
30	0.1	0.4	1.3	2.6	4.7	8.1	15.6	25.2	25.2	15.6	8.1	4.7	2.6	1.3	0.4			0.1	
20		0.5	1.7	3.5	7.1	17.6	92.2	233.1	233.1	92.2	17.6	7.1	3.5	1.7	0.5				
10	0.2	0.7	2.0	4.1	8.7	35.8	296.8	1828.8	1828.8	296.8	35.8	8.7	4.1	2.0	0.7			0.2	
0		0.8	2.2	4.4	9.1	40.8	326.6	2014.0	2014.0	326.6	40.8	9.1	4.4	2.2	0.8				
-10	0.2	0.8	2.3	4.3	8.5	24.5	146.6	353.2	353.2	146.6	24.5	8.5	4.3	2.3	0.8			0.2	
-20		0.8	2.2	4.1	7.2	12.5	30.3	56.9	56.9	30.3	12.5	7.2	4.1	2.2	0.8				
-30	0.2	0.7	2.1	3.8	6.0	8.8	12.5	14.7	14.7	12.5	8.8	6.0	3.8	2.1	0.7			0.2	
-40		0.6	1.8	3.4	5.2	6.9	8.7	9.7	9.7	8.7	6.9	5.2	3.4	1.8	0.6				
-50	0.2	0.5	1.4	2.9	4.6	6.0	7.4	8.0	8.0	7.4	6.0	4.6	2.9	1.4	0.5			0.2	
-60		0.4	1.0	2.1	3.5	4.8	6.0	6.7	6.7	6.0	4.8	3.5	2.1	1.0	0.4				
-70	0.1	1.6	4.4	8.1	9.7	8.1	4.4	1.6	0.1									0.1	
-80		0.1	1.6	4.4	8.1	9.7	8.1	4.4	1.6	0.1									
-90	0.1	1.6	4.4	8.1	9.7	8.1	4.4	1.6	0.1									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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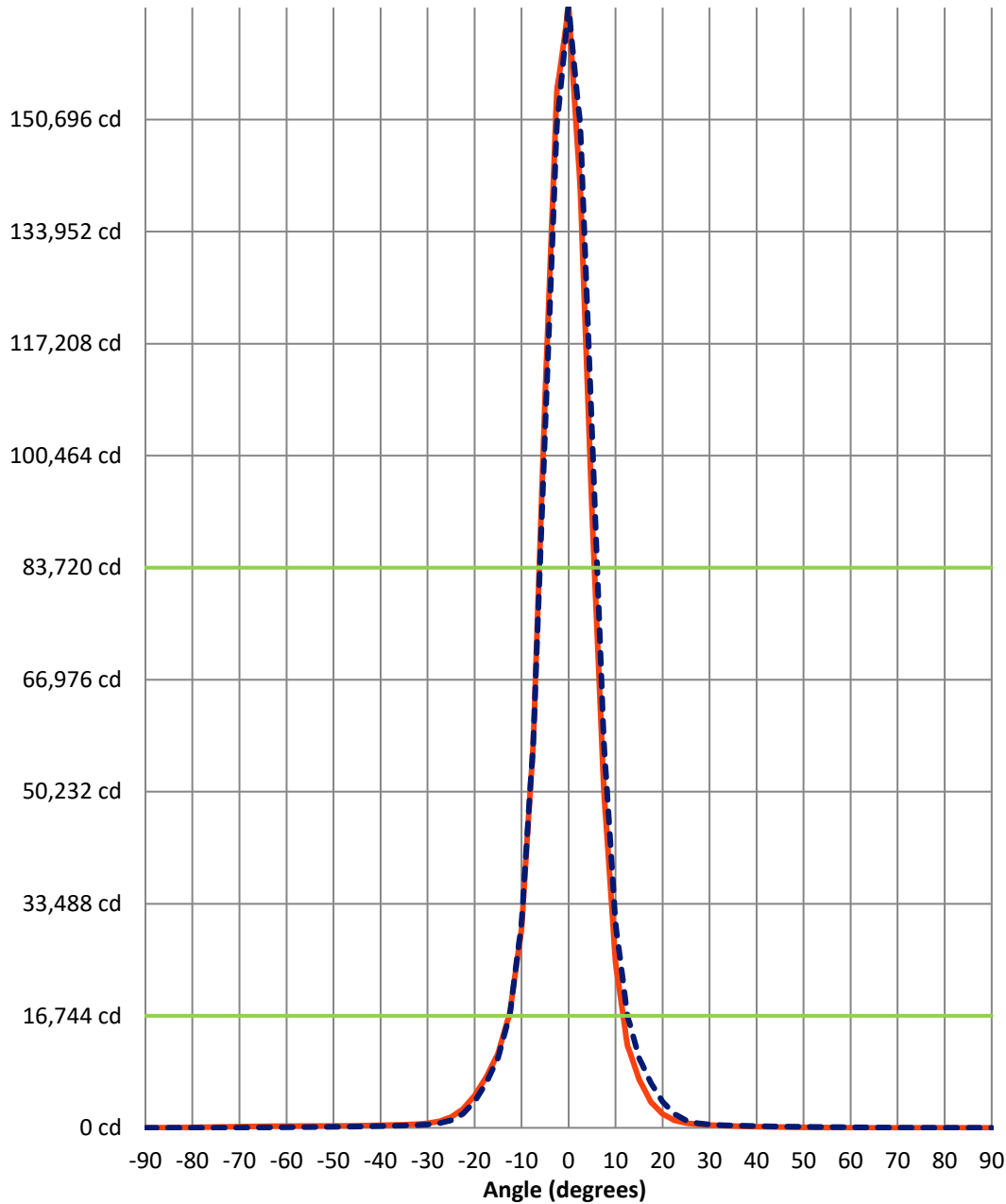
### Luminous Intensity Polar Plot



— 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: 3659  
Efficiency: 31.3%

**Field:**  
H Angle: 25.1°  
V Angle: 24.3°  
Lumens: 8325.5  
Efficiency: 71.2%

**Spill:**  
Lumens: 3370.3  
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	2.1	2.1
85°	0.0	0.0	0.0	0.0	2.1	2.1	2.1	2.1	2.1	4.2	4.2
82.5°	0.0	0.0	0.0	0.0	2.1	2.1	2.1	2.1	4.2	4.2	4.2
80°	0.0	0.0	0.0	0.0	2.1	2.1	2.1	2.1	4.2	4.2	4.2
77.5°	0.0	0.0	0.0	0.0	2.1	2.1	2.1	2.1	2.1	2.1	4.2
75°	0.0	0.0	0.0	0.0	2.1	2.1	2.1	2.1	2.1	2.1	2.1
72.5°	0.0	0.0	0.0	0.0	2.1	2.1	2.1	2.1	2.1	2.1	2.1
70°	0.0	0.0	0.0	0.0	2.1	2.1	2.1	2.1	2.1	2.1	2.1
67.5°	0.0	0.0	0.0	0.0	2.1	2.1	2.1	2.1	2.1	2.1	2.1
65°	0.0	0.0	0.0	0.0	2.1	2.1	2.1	2.1	2.1	2.1	2.1
62.5°	0.0	0.0	0.0	0.0	2.1	2.1	2.1	2.1	2.1	2.1	2.1
60°	4.2	4.2	4.2	4.2	6.3	6.3	8.4	8.4	8.4	4.2	8.4
57.5°	33.5	33.5	31.4	29.3	27.2	25.1	25.1	25.1	25.1	25.1	21.0
55°	46.1	46.1	46.1	44.0	44.0	41.9	39.8	37.7	37.7	35.6	33.5
52.5°	54.5	54.5	54.5	54.5	52.4	52.4	52.4	50.3	46.1	46.1	44.0
50°	77.5	75.4	75.4	75.4	75.4	71.2	69.1	65.0	62.9	60.8	58.7
47.5°	100.6	100.6	98.5	98.5	96.4	92.2	88.0	83.8	79.6	77.5	73.3
45°	119.4	119.4	117.3	117.3	115.2	111.1	104.8	98.5	94.3	90.1	85.9
42.5°	146.7	144.6	142.5	140.4	136.2	129.9	121.5	113.1	106.9	100.6	96.4
40°	176.0	176.0	173.9	171.8	165.5	159.2	148.8	138.3	127.8	115.2	109.0
37.5°	211.6	213.7	215.8	215.8	211.6	203.2	188.6	176.0	159.2	142.5	134.1
35°	276.6	276.6	280.8	280.8	274.5	264.0	253.5	226.3	205.3	184.4	165.5
32.5°	347.8	349.9	341.5	335.3	326.9	314.3	295.4	272.4	249.3	222.1	201.2
30°	417.0	417.0	406.5	393.9	377.2	356.2	333.2	308.0	280.8	253.5	228.4
27.5°	525.9	515.5	507.1	486.1	456.8	417.0	387.6	347.8	312.2	280.8	253.5
25°	706.1	704.0	685.2	649.6	590.9	528.0	479.8	412.8	358.3	310.1	278.7
22.5°	1123.1	1108.4	1064.4	976.4	838.1	729.2	630.7	525.9	427.4	362.5	312.2
20°	2076.5	2028.3	1910.9	1667.9	1357.8	1144.1	898.9	722.9	557.4	435.8	360.4
17.5°	3874.3	3842.8	3798.8	3237.3	2606.6	2154.0	1602.9	1108.4	792.0	569.9	427.4
15°	7262.4	7029.8	6543.7	5871.1	4989.0	3855.4	2835.0	1789.4	1131.5	758.5	542.7
12.5°	12414.8	12157.1	10902.0	9219.5	7633.3	6019.9	4226.3	2719.7	1611.3	963.9	643.3
10°	24737.5	22866.4	19352.5	14443.1	11272.9	8406.5	5934.0	3710.8	2097.4	1217.4	762.7
7.5°	50667.2	44553.0	34332.0	24236.7	15687.7	11025.6	7578.8	4852.8	2795.2	1523.3	871.7
5°	91832.1	80984.6	61011.9	36737.5	22780.4	13818.7	8993.2	5770.5	3308.5	1772.7	980.6
2.5°	140221.7	126189.3	88207.2	50516.4	28090.0	15981.1	9982.2	6374.0	3635.4	1942.4	1064.4
0°	167440.1	149566.9	103878.2	57835.3	30619.1	16898.9	10466.2	6736.5	3912.0	2080.7	1118.9
-2.5°	154673.2	140284.6	95465.4	53724.3	29259.2	16496.5	10535.3	6826.6	3958.1	2118.4	1144.1
-5°	109013.8	97204.5	66055.3	39645.8	24825.5	15195.3	9940.3	6487.1	3830.3	2063.9	1133.6
-7.5°	57674.0	52330.9	39174.3	28488.1	18120.4	12861.1	8949.2	5885.8	3499.2	1917.2	1070.7
-10°	29797.7	28701.9	24733.3	18644.3	14663.1	10774.2	7637.5	5033.0	2925.1	1651.1	963.9
-12.5°	17179.6	16993.1	15717.1	13491.8	11243.5	8850.7	6267.1	4104.8	2441.1	1368.3	813.0
-15°	11124.1	11203.7	10759.5	9833.4	8553.1	6623.3	4815.1	3052.9	1806.2	1108.4	716.6
-17.5°	7591.4	7570.4	7363.0	6728.1	5697.2	4473.5	3191.2	2156.1	1368.3	863.3	595.1
-20°	4802.5	4810.9	4618.1	4180.2	3421.7	2757.5	1986.4	1454.2	970.1	678.9	525.9



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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°	2786.8	2793.1	2671.5	2424.3	2026.2	1634.4	1290.7	961.8	714.5	565.7	461.0
-25°	1600.8	1575.7	1527.5	1408.1	1221.6	1007.9	857.0	676.8	572.0	479.8	421.2
-27.5°	970.1	953.4	928.2	875.8	802.5	695.7	626.5	546.9	486.1	431.6	396.0
-30°	676.8	683.1	662.1	634.9	601.4	553.2	515.5	477.7	437.9	404.4	370.9
-32.5°	538.5	542.7	532.2	521.7	505.0	486.1	463.1	435.8	404.4	373.0	341.5
-35°	463.1	465.2	465.2	463.1	458.9	444.2	427.4	402.3	373.0	343.6	316.4
-37.5°	425.4	427.4	427.4	425.4	419.1	406.5	389.7	368.8	341.5	314.3	293.3
-40°	385.5	387.6	385.5	381.4	375.1	362.5	349.9	333.2	312.2	289.2	270.3
-42.5°	347.8	345.7	343.6	339.4	333.2	324.8	314.3	301.7	287.1	270.3	255.6
-45°	312.2	312.2	310.1	308.0	303.8	297.5	291.3	280.8	270.3	257.7	245.2
-47.5°	293.3	293.3	291.3	289.2	287.1	282.9	276.6	268.2	259.8	249.3	238.9
-50°	280.8	280.8	280.8	278.7	276.6	272.4	266.1	259.8	251.4	241.0	230.5
-52.5°	272.4	272.4	272.4	270.3	268.2	266.1	259.8	251.4	241.0	232.6	224.2
-55°	268.2	266.1	266.1	264.0	261.9	259.8	251.4	243.1	234.7	226.3	217.9
-57.5°	261.9	259.8	259.8	257.7	255.6	253.5	245.2	236.8	228.4	217.9	211.6
-60°	255.6	253.5	253.5	249.3	247.2	245.2	236.8	228.4	220.0	211.6	203.2
-62.5°	247.2	245.2	243.1	241.0	236.8	232.6	226.3	217.9	207.4	199.1	190.7
-65°	228.4	226.3	224.2	222.1	220.0	217.9	211.6	201.2	192.8	184.4	176.0
-67.5°	205.3	205.3	205.3	201.2	199.1	194.9	190.7	182.3	173.9	165.5	159.2
-70°	178.1	178.1	178.1	173.9	171.8	169.7	163.4	157.1	150.9	144.6	136.2
-72.5°	150.9	148.8	148.8	146.7	142.5	140.4	136.2	132.0	125.7	121.5	115.2
-75°	123.6	121.5	121.5	119.4	117.3	115.2	111.1	109.0	104.8	100.6	94.3
-77.5°	98.5	98.5	98.5	96.4	94.3	92.2	90.1	88.0	85.9	81.7	77.5
-80°	75.4	75.4	75.4	75.4	75.4	75.4	75.4	73.3	69.1	67.1	65.0
-82.5°	54.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	54.5	52.4	50.3
-85°	35.6	37.7	37.7	39.8	41.9	41.9	44.0	41.9	39.8	35.6	33.5
-87.5°	18.9	18.9	18.9	18.9	18.9	18.9	18.9	16.8	16.8	16.8	14.7
-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°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	4.2	4.2	4.2
85°	4.2	4.2	4.2	4.2	6.3	6.3	6.3	8.4	8.4	8.4	8.4
82.5°	4.2	6.3	6.3	6.3	8.4	8.4	10.5	12.6	16.8	18.9	18.9
80°	4.2	6.3	6.3	6.3	8.4	8.4	10.5	10.5	12.6	14.7	18.9
77.5°	4.2	4.2	6.3	6.3	6.3	8.4	8.4	10.5	10.5	12.6	14.7
75°	2.1	4.2	4.2	4.2	6.3	6.3	8.4	8.4	10.5	10.5	12.6
72.5°	2.1	4.2	4.2	4.2	6.3	6.3	8.4	8.4	8.4	10.5	10.5
70°	2.1	4.2	4.2	4.2	4.2	6.3	6.3	6.3	8.4	8.4	8.4
67.5°	2.1	2.1	2.1	4.2	4.2	4.2	4.2	6.3	6.3	6.3	8.4
65°	2.1	2.1	2.1	2.1	4.2	4.2	4.2	4.2	6.3	6.3	6.3
62.5°	2.1	2.1	2.1	4.2	4.2	4.2	4.2	4.2	6.3	6.3	6.3
60°	8.4	8.4	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
57.5°	18.9	18.9	16.8	14.7	12.6	12.6	10.5	8.4	8.4	6.3	6.3
55°	31.4	29.3	27.2	23.0	21.0	18.9	16.8	12.6	10.5	8.4	6.3
52.5°	39.8	37.7	35.6	33.5	29.3	25.1	23.0	21.0	16.8	12.6	10.5
50°	58.7	52.4	48.2	44.0	39.8	35.6	31.4	29.3	23.0	18.9	14.7
47.5°	71.2	67.1	60.8	56.6	52.4	46.1	39.8	35.6	31.4	25.1	18.9
45°	81.7	77.5	71.2	67.1	62.9	56.6	50.3	44.0	39.8	33.5	25.1
42.5°	92.2	88.0	81.7	77.5	71.2	65.0	58.7	52.4	46.1	41.9	33.5
40°	106.9	100.6	92.2	88.0	83.8	75.4	67.1	60.8	54.5	48.2	39.8
37.5°	125.7	119.4	109.0	100.6	94.3	88.0	79.6	71.2	65.0	56.6	48.2
35°	155.1	144.6	129.9	117.3	109.0	100.6	90.1	81.7	73.3	65.0	56.6
32.5°	184.4	167.6	148.8	134.1	121.5	111.1	100.6	92.2	81.7	71.2	62.9
30°	207.4	188.6	169.7	148.8	134.1	121.5	111.1	100.6	90.1	79.6	69.1
27.5°	230.5	209.5	188.6	167.6	146.7	129.9	119.4	109.0	98.5	88.0	75.4
25°	253.5	230.5	209.5	186.5	161.3	142.5	127.8	119.4	109.0	96.4	81.7
22.5°	274.5	253.5	232.6	207.4	178.1	153.0	138.3	127.8	117.3	102.7	90.1
20°	314.3	287.1	261.9	230.5	197.0	171.8	153.0	138.3	125.7	111.1	96.4
17.5°	366.7	326.9	293.3	257.7	224.2	192.8	165.5	148.8	136.2	119.4	102.7
15°	433.7	364.6	322.7	287.1	247.2	211.6	182.3	159.2	142.5	125.7	111.1
12.5°	484.0	393.9	347.8	314.3	272.4	232.6	194.9	167.6	148.8	132.0	115.2
10°	540.6	425.4	368.8	331.1	287.1	243.1	203.2	173.9	153.0	138.3	121.5
7.5°	586.7	450.5	379.3	337.3	295.4	251.4	211.6	180.2	159.2	142.5	125.7
5°	628.6	471.4	387.6	339.4	299.6	257.7	215.8	184.4	163.4	146.7	129.9
2.5°	657.9	490.3	396.0	343.6	303.8	261.9	222.1	188.6	167.6	150.9	134.1
0°	683.1	496.6	393.9	343.6	305.9	261.9	224.2	190.7	169.7	153.0	136.2
-2.5°	691.5	507.1	404.4	347.8	310.1	266.1	228.4	192.8	171.8	155.1	140.4
-5°	691.5	498.7	404.4	352.0	312.2	268.2	228.4	194.9	173.9	157.1	140.4
-7.5°	666.3	486.1	402.3	356.2	314.3	270.3	228.4	197.0	176.0	159.2	142.5
-10°	622.3	467.3	400.2	358.3	314.3	268.2	228.4	197.0	176.0	159.2	144.6
-12.5°	551.1	442.1	389.7	354.1	310.1	264.0	226.3	197.0	176.0	161.3	144.6
-15°	515.5	421.2	377.2	341.5	299.6	257.7	222.1	194.9	176.0	161.3	146.7
-17.5°	467.3	404.4	364.6	329.0	291.3	251.4	217.9	194.9	176.0	159.2	146.7
-20°	433.7	385.5	349.9	318.5	280.8	245.2	215.8	192.8	176.0	159.2	146.7



REPORT NUMBER: P724073  
 CATALOG NUMBER: IFLD-S-SA3A-730-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°	404.4	364.6	333.2	301.7	268.2	236.8	211.6	190.7	173.9	159.2	146.7
-25°	381.4	345.7	316.4	287.1	257.7	230.5	207.4	188.6	171.8	159.2	144.6
-27.5°	360.4	326.9	299.6	272.4	245.2	224.2	203.2	186.5	171.8	157.1	142.5
-30°	337.3	310.1	282.9	257.7	238.9	217.9	199.1	182.3	169.7	155.1	140.4
-32.5°	314.3	289.2	266.1	247.2	230.5	213.7	197.0	180.2	165.5	150.9	136.2
-35°	293.3	270.3	253.5	236.8	224.2	209.5	192.8	176.0	163.4	148.8	136.2
-37.5°	272.4	255.6	241.0	228.4	215.8	203.2	186.5	171.8	159.2	144.6	129.9
-40°	255.6	243.1	232.6	222.1	209.5	194.9	182.3	167.6	155.1	140.4	123.6
-42.5°	245.2	234.7	224.2	213.7	203.2	190.7	178.1	163.4	150.9	136.2	119.4
-45°	234.7	226.3	217.9	209.5	199.1	186.5	171.8	157.1	144.6	129.9	117.3
-47.5°	228.4	220.0	211.6	205.3	197.0	180.2	167.6	153.0	138.3	125.7	111.1
-50°	222.1	213.7	207.4	199.1	188.6	173.9	161.3	146.7	134.1	119.4	106.9
-52.5°	215.8	207.4	199.1	190.7	180.2	167.6	155.1	142.5	127.8	113.1	100.6
-55°	209.5	201.2	192.8	184.4	173.9	163.4	150.9	134.1	119.4	104.8	92.2
-57.5°	203.2	197.0	186.5	176.0	165.5	155.1	140.4	125.7	111.1	96.4	85.9
-60°	194.9	186.5	178.1	165.5	155.1	142.5	129.9	117.3	102.7	90.1	79.6
-62.5°	182.3	173.9	165.5	153.0	142.5	132.0	121.5	106.9	96.4	83.8	73.3
-65°	167.6	159.2	150.9	140.4	129.9	119.4	111.1	98.5	88.0	77.5	69.1
-67.5°	150.9	142.5	136.2	125.7	117.3	106.9	98.5	88.0	77.5	69.1	60.8
-70°	129.9	123.6	117.3	109.0	100.6	92.2	83.8	75.4	67.1	60.8	52.4
-72.5°	111.1	104.8	98.5	92.2	85.9	77.5	71.2	65.0	58.7	52.4	48.2
-75°	90.1	85.9	81.7	77.5	71.2	65.0	60.8	54.5	50.3	46.1	44.0
-77.5°	75.4	71.2	67.1	62.9	58.7	54.5	50.3	46.1	44.0	41.9	39.8
-80°	60.8	58.7	56.6	52.4	50.3	46.1	44.0	39.8	39.8	39.8	39.8
-82.5°	48.2	46.1	44.0	41.9	39.8	37.7	37.7	35.6	37.7	37.7	35.6
-85°	33.5	31.4	29.3	29.3	27.2	27.2	25.1	25.1	25.1	23.0	23.0
-87.5°	14.7	14.7	14.7	14.7	12.6	12.6	12.6	12.6	12.6	10.5	10.5
-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: P724073  
 CATALOG NUMBER: IFLD-S-SA3A-730-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°	4.2	4.2	2.1	2.1	2.1	2.1	2.1	2.1	2.1	0.0	0.0
85°	8.4	8.4	6.3	6.3	6.3	4.2	4.2	2.1	2.1	2.1	2.1
82.5°	18.9	16.8	14.7	12.6	10.5	8.4	6.3	4.2	4.2	2.1	2.1
80°	23.0	23.0	23.0	21.0	16.8	12.6	8.4	6.3	4.2	2.1	2.1
77.5°	16.8	16.8	18.9	21.0	21.0	16.8	10.5	6.3	4.2	4.2	2.1
75°	12.6	12.6	12.6	14.7	16.8	16.8	12.6	8.4	4.2	4.2	2.1
72.5°	12.6	12.6	12.6	12.6	12.6	12.6	12.6	8.4	6.3	4.2	4.2
70°	10.5	10.5	10.5	10.5	10.5	10.5	10.5	8.4	6.3	4.2	4.2
67.5°	8.4	8.4	10.5	10.5	10.5	8.4	8.4	8.4	6.3	4.2	4.2
65°	6.3	8.4	8.4	10.5	8.4	8.4	8.4	6.3	6.3	4.2	4.2
62.5°	6.3	6.3	8.4	8.4	8.4	8.4	6.3	6.3	6.3	4.2	4.2
60°	6.3	6.3	6.3	8.4	6.3	6.3	6.3	6.3	6.3	4.2	4.2
57.5°	6.3	6.3	6.3	6.3	6.3	6.3	6.3	4.2	4.2	4.2	4.2
55°	6.3	6.3	6.3	6.3	6.3	6.3	4.2	4.2	4.2	4.2	4.2
52.5°	8.4	6.3	6.3	6.3	6.3	6.3	4.2	4.2	4.2	4.2	4.2
50°	10.5	6.3	6.3	6.3	6.3	4.2	4.2	4.2	4.2	4.2	4.2
47.5°	14.7	10.5	8.4	6.3	6.3	4.2	4.2	4.2	4.2	4.2	2.1
45°	21.0	14.7	10.5	8.4	6.3	4.2	4.2	4.2	4.2	4.2	2.1
42.5°	25.1	18.9	12.6	10.5	8.4	6.3	4.2	4.2	4.2	2.1	2.1
40°	31.4	25.1	16.8	12.6	8.4	6.3	4.2	4.2	4.2	2.1	2.1
37.5°	39.8	31.4	21.0	14.7	10.5	6.3	6.3	4.2	4.2	2.1	2.1
35°	46.1	35.6	27.2	16.8	12.6	8.4	6.3	4.2	4.2	2.1	2.1
32.5°	52.4	41.9	33.5	21.0	14.7	10.5	8.4	4.2	4.2	2.1	2.1
30°	58.7	48.2	37.7	27.2	18.9	12.6	8.4	4.2	4.2	2.1	2.1
27.5°	65.0	52.4	41.9	31.4	21.0	14.7	10.5	6.3	4.2	2.1	2.1
25°	71.2	58.7	46.1	35.6	23.0	16.8	10.5	6.3	4.2	4.2	2.1
22.5°	75.4	65.0	52.4	39.8	27.2	18.9	12.6	8.4	4.2	4.2	2.1
20°	81.7	71.2	56.6	44.0	31.4	21.0	12.6	8.4	4.2	4.2	2.1
17.5°	88.0	75.4	60.8	48.2	35.6	23.0	14.7	10.5	4.2	4.2	2.1
15°	94.3	79.6	65.0	50.3	37.7	25.1	14.7	10.5	4.2	4.2	2.1
12.5°	100.6	85.9	69.1	54.5	39.8	27.2	16.8	12.6	6.3	4.2	2.1
10°	104.8	90.1	73.3	56.6	41.9	31.4	18.9	12.6	6.3	4.2	2.1
7.5°	111.1	94.3	77.5	60.8	44.0	33.5	21.0	12.6	6.3	4.2	2.1
5°	113.1	98.5	79.6	65.0	46.1	35.6	23.0	14.7	6.3	4.2	2.1
2.5°	115.2	102.7	81.7	67.1	48.2	35.6	23.0	14.7	8.4	4.2	2.1
0°	117.3	104.8	83.8	69.1	50.3	37.7	25.1	14.7	8.4	4.2	2.1
-2.5°	119.4	106.9	88.0	71.2	52.4	39.8	27.2	14.7	8.4	4.2	2.1
-5°	121.5	106.9	92.2	73.3	54.5	39.8	27.2	16.8	10.5	4.2	2.1
-7.5°	123.6	109.0	94.3	75.4	56.6	39.8	29.3	16.8	10.5	6.3	2.1
-10°	125.7	111.1	96.4	77.5	56.6	41.9	29.3	16.8	10.5	6.3	2.1
-12.5°	127.8	113.1	96.4	77.5	58.7	41.9	29.3	18.9	10.5	6.3	2.1
-15°	129.9	113.1	96.4	77.5	58.7	44.0	31.4	18.9	10.5	6.3	4.2
-17.5°	129.9	113.1	96.4	79.6	58.7	44.0	31.4	18.9	10.5	6.3	4.2
-20°	129.9	113.1	96.4	79.6	58.7	44.0	31.4	18.9	10.5	6.3	4.2



REPORT NUMBER: P724073

CATALOG NUMBER: IFLD-S-SA3A-730-U-22-VI

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	127.8	111.1	96.4	77.5	58.7	44.0	31.4	18.9	12.6	6.3	4.2
-25°	127.8	111.1	96.4	77.5	58.7	44.0	29.3	18.9	12.6	6.3	4.2
-27.5°	125.7	111.1	94.3	75.4	56.6	41.9	29.3	18.9	12.6	6.3	4.2
-30°	123.6	109.0	92.2	73.3	56.6	41.9	29.3	18.9	12.6	6.3	4.2
-32.5°	121.5	104.8	90.1	71.2	54.5	39.8	29.3	18.9	12.6	6.3	4.2
-35°	117.3	102.7	85.9	69.1	52.4	39.8	27.2	18.9	12.6	8.4	4.2
-37.5°	113.1	98.5	83.8	67.1	50.3	37.7	27.2	18.9	12.6	8.4	4.2
-40°	109.0	96.4	79.6	62.9	48.2	35.6	27.2	18.9	12.6	8.4	6.3
-42.5°	104.8	92.2	77.5	60.8	48.2	35.6	25.1	18.9	12.6	8.4	6.3
-45°	102.7	90.1	73.3	58.7	46.1	35.6	25.1	16.8	12.6	8.4	6.3
-47.5°	98.5	83.8	69.1	56.6	44.0	33.5	23.0	16.8	12.6	8.4	6.3
-50°	92.2	79.6	67.1	54.5	41.9	31.4	23.0	16.8	12.6	8.4	6.3
-52.5°	85.9	73.3	62.9	50.3	39.8	31.4	23.0	16.8	12.6	8.4	6.3
-55°	79.6	69.1	58.7	48.2	37.7	29.3	21.0	16.8	12.6	8.4	6.3
-57.5°	75.4	65.0	54.5	44.0	35.6	27.2	21.0	14.7	10.5	8.4	6.3
-60°	71.2	60.8	50.3	41.9	33.5	27.2	21.0	14.7	10.5	8.4	4.2
-62.5°	65.0	56.6	46.1	39.8	31.4	25.1	18.9	14.7	10.5	8.4	4.2
-65°	58.7	50.3	41.9	35.6	29.3	23.0	18.9	14.7	10.5	8.4	4.2
-67.5°	52.4	46.1	39.8	33.5	27.2	23.0	18.9	14.7	10.5	6.3	4.2
-70°	48.2	41.9	35.6	31.4	27.2	21.0	18.9	14.7	10.5	6.3	4.2
-72.5°	41.9	37.7	33.5	29.3	25.1	23.0	18.9	14.7	8.4	6.3	4.2
-75°	39.8	35.6	31.4	29.3	27.2	23.0	18.9	12.6	8.4	6.3	4.2
-77.5°	39.8	35.6	33.5	31.4	27.2	23.0	16.8	10.5	6.3	6.3	4.2
-80°	39.8	37.7	35.6	29.3	25.1	18.9	12.6	10.5	6.3	4.2	2.1
-82.5°	35.6	29.3	25.1	21.0	18.9	14.7	10.5	8.4	4.2	4.2	2.1
-85°	23.0	18.9	16.8	14.7	12.6	10.5	6.3	4.2	4.2	2.1	2.1
-87.5°	10.5	10.5	8.4	6.3	6.3	4.2	4.2	2.1	2.1	2.1	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: P724073  
 CATALOG NUMBER: IFLD-S-SA3A-730-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°	2.1	0.0	0.0	0.0
77.5°	2.1	0.0	0.0	0.0
75°	2.1	2.1	0.0	0.0
72.5°	2.1	2.1	0.0	0.0
70°	2.1	2.1	0.0	0.0
67.5°	2.1	2.1	0.0	0.0
65°	2.1	2.1	0.0	0.0
62.5°	2.1	2.1	0.0	0.0
60°	2.1	2.1	0.0	0.0
57.5°	2.1	2.1	2.1	0.0
55°	2.1	2.1	2.1	0.0
52.5°	2.1	2.1	2.1	0.0
50°	2.1	2.1	2.1	0.0
47.5°	2.1	2.1	2.1	0.0
45°	2.1	2.1	2.1	0.0
42.5°	2.1	2.1	2.1	0.0
40°	2.1	2.1	2.1	0.0
37.5°	2.1	2.1	2.1	0.0
35°	2.1	2.1	2.1	0.0
32.5°	2.1	2.1	2.1	0.0
30°	2.1	2.1	2.1	0.0
27.5°	2.1	2.1	2.1	0.0
25°	2.1	2.1	2.1	0.0
22.5°	2.1	2.1	2.1	0.0
20°	2.1	2.1	2.1	0.0
17.5°	2.1	2.1	2.1	0.0
15°	2.1	2.1	2.1	0.0
12.5°	2.1	2.1	2.1	0.0
10°	2.1	2.1	2.1	0.0
7.5°	2.1	2.1	2.1	0.0
5°	2.1	2.1	2.1	0.0
2.5°	2.1	2.1	2.1	0.0
0°	2.1	2.1	2.1	0.0
-2.5°	2.1	2.1	2.1	0.0
-5°	2.1	2.1	2.1	0.0
-7.5°	2.1	2.1	2.1	0.0
-10°	2.1	2.1	2.1	0.0
-12.5°	2.1	2.1	2.1	0.0
-15°	2.1	2.1	2.1	0.0
-17.5°	2.1	2.1	2.1	0.0
-20°	2.1	2.1	2.1	0.0



REPORT NUMBER: P724073  
CATALOG NUMBER: IFLD-S-SA3A-730-U-22-VI

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
-22.5°	2.1	2.1	2.1	0.0
-25°	2.1	2.1	2.1	0.0
-27.5°	2.1	2.1	2.1	0.0
-30°	2.1	2.1	2.1	0.0
-32.5°	2.1	2.1	2.1	0.0
-35°	2.1	2.1	2.1	0.0
-37.5°	2.1	2.1	2.1	0.0
-40°	2.1	2.1	2.1	0.0
-42.5°	2.1	2.1	2.1	0.0
-45°	2.1	2.1	2.1	0.0
-47.5°	2.1	2.1	2.1	0.0
-50°	2.1	2.1	2.1	0.0
-52.5°	2.1	2.1	2.1	0.0
-55°	2.1	2.1	2.1	0.0
-57.5°	2.1	2.1	2.1	0.0
-60°	2.1	2.1	0.0	0.0
-62.5°	2.1	2.1	0.0	0.0
-65°	2.1	2.1	0.0	0.0
-67.5°	2.1	2.1	0.0	0.0
-70°	2.1	2.1	0.0	0.0
-72.5°	2.1	2.1	0.0	0.0
-75°	2.1	2.1	0.0	0.0
-77.5°	2.1	0.0	0.0	0.0
-80°	2.1	0.0	0.0	0.0
-82.5°	2.1	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)