

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: P724010

Luminaire Tested: **IFLD-S-SA2A-722-U-22-VI**

Issue Date: 01/11/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P724010  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 01/11/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-S-SA2A-722-U-22-VI  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 2 distribution lens and Visor  
Light Source: (32) 2200K CCT, 70 CRI LEDs  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

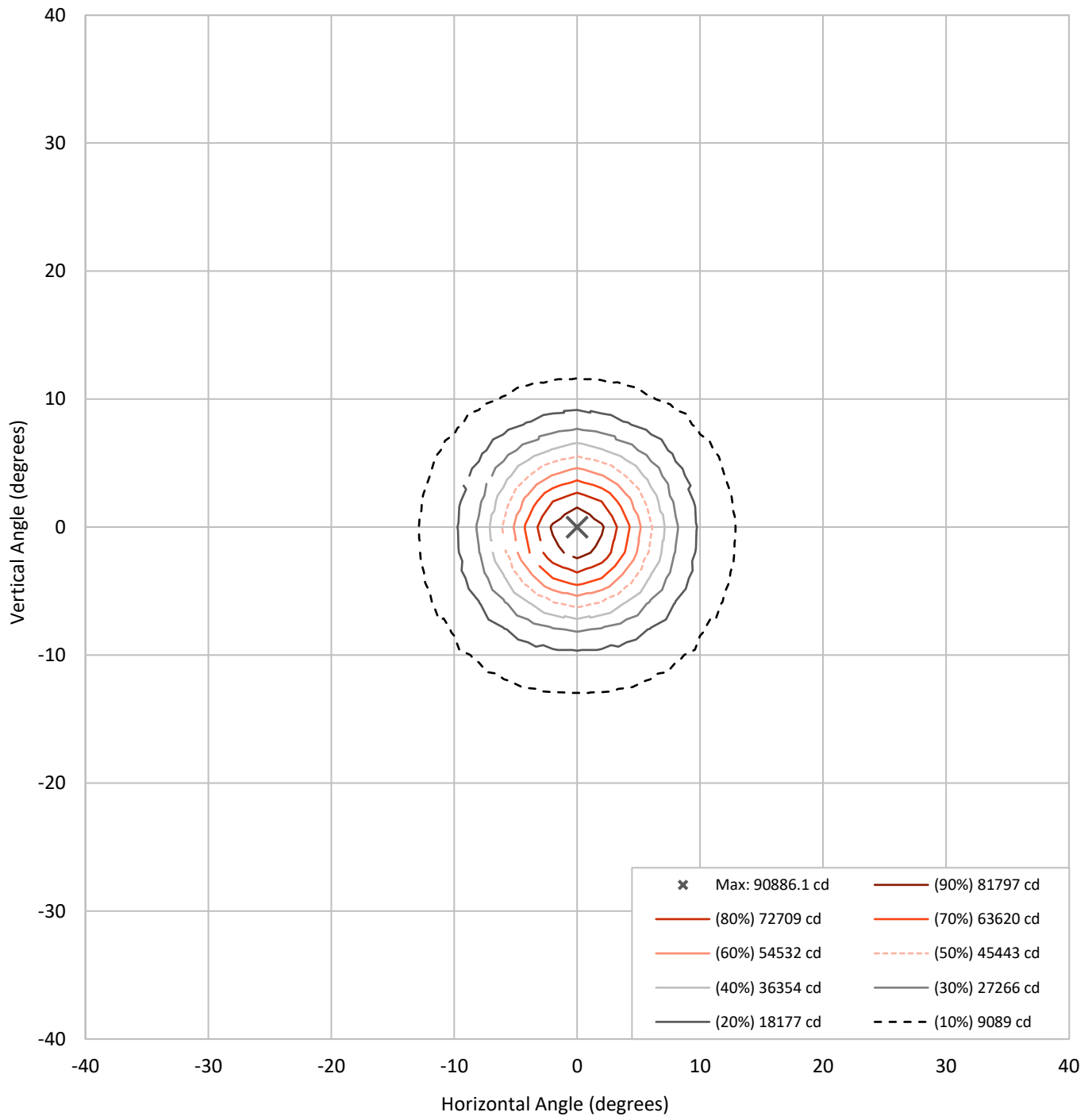
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	6348.4 lumens	Max Intensity:	90886.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	99.5 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	12.2°H x 11.7°V	Field Angle (10%):	25.1°H x 24.3°V
Beam Lumens:	1986.1 lumens	Field Lumens:	4519.1 lumens
Beam Efficiency:	31.3%	Field Efficiency:	71.2%

Input Watts (W): 63.8  
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





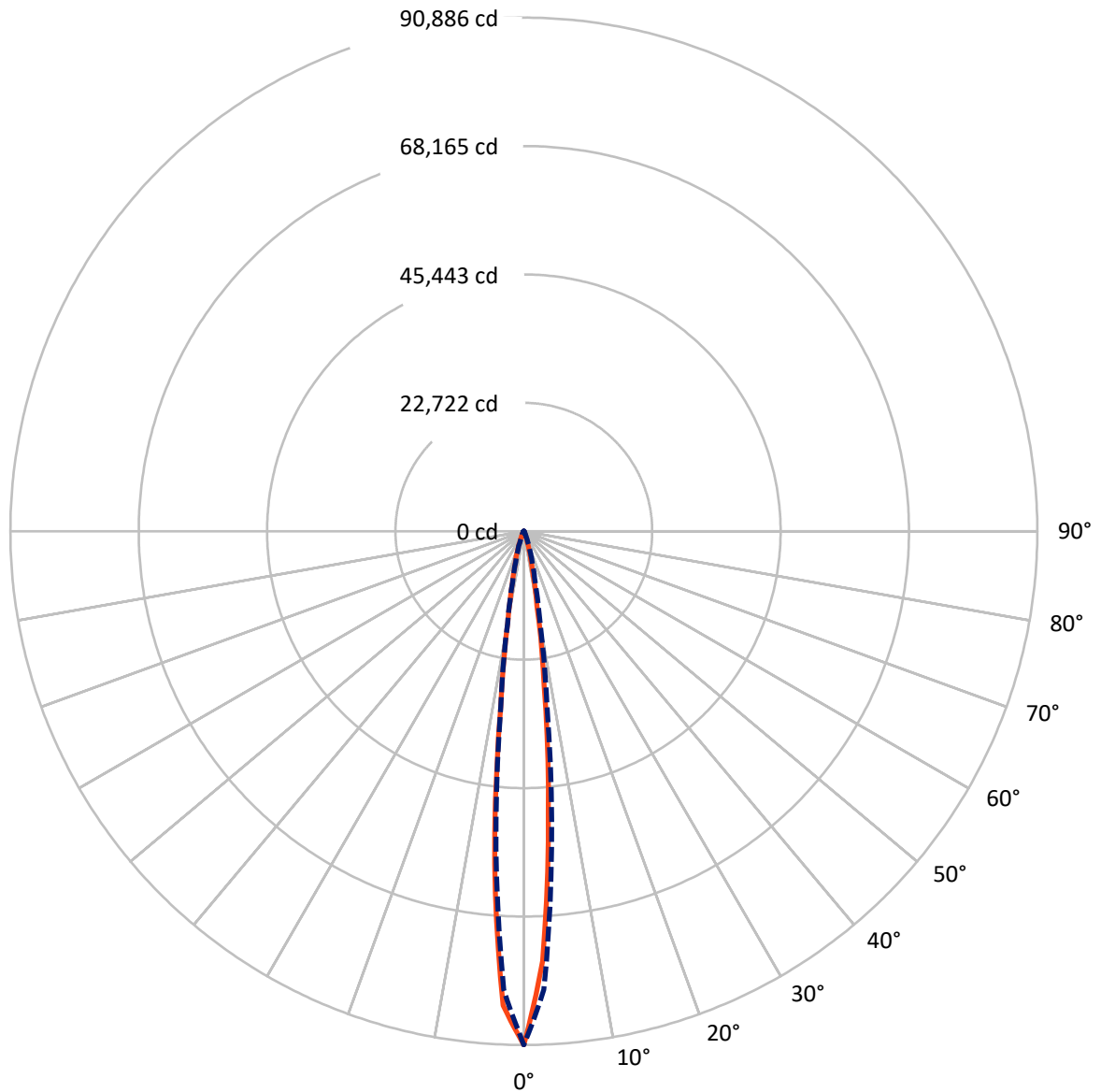
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### Lumen Table

90	0.0	0.4	0.3	0.1	0.0	0.1	0.3	0.4	0.0									
80	0.0	0.4	0.3	0.1	0.0	0.1	0.3	0.4	0.0									
70	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1		
60		0.0	0.1	0.2	0.3	0.5	0.6	0.7	0.7	0.6	0.5	0.3	0.2	0.1	0.0			
50	0.0	0.1	0.2	0.5	0.9	1.3	1.7	2.0	2.0	1.7	1.3	0.9	0.5	0.2	0.1	0.0		
40		0.1	0.4	1.0	1.6	2.6	3.9	4.6	4.6	3.9	2.6	1.6	1.0	0.4	0.1			
30	0.1	0.2	0.7	1.4	2.5	4.4	8.5	13.7	13.7	8.5	4.4	2.5	1.4	0.7	0.2	0.1		
20		0.3	0.9	1.9	3.9	9.6	50.0	126.5	126.5	50.0	9.6	3.9	1.9	0.9	0.3			
10	0.1	0.4	1.1	2.2	4.7	19.4	161.1	992.7	992.7	161.1	19.4	4.7	2.2	1.1	0.4	0.1		
0		0.4	1.2	2.4	4.9	22.2	177.3	1093.2	1093.2	177.3	22.2	4.9	2.4	1.2	0.4			
-10	0.1	0.4	1.2	2.4	4.6	13.3	79.6	191.7	191.7	79.6	13.3	4.6	2.4	1.2	0.4	0.1		
-20		0.4	1.2	2.2	3.9	6.8	16.4	30.9	30.9	16.4	6.8	3.9	2.2	1.2	0.4			
-30	0.1	0.4	1.1	2.1	3.2	4.8	6.8	8.0	8.0	6.8	4.8	3.2	2.1	1.1	0.4	0.1		
-40		0.3	1.0	1.9	2.8	3.7	4.7	5.2	5.2	4.7	3.7	2.8	1.9	1.0	0.3			
-50	0.1	0.3	0.8	1.6	2.5	3.3	4.0	4.4	4.4	4.0	3.3	2.5	1.6	0.8	0.3	0.1		
-60		0.2	0.6	1.1	1.9	2.6	3.3	3.6	3.6	3.3	2.6	1.9	1.1	0.6	0.2			
-70	0.1	0.3	0.8	1.6	2.5	3.3	4.0	4.4	4.4	4.0	3.3	2.5	1.6	0.8	0.3	0.1		
-80		0.2	0.6	1.1	1.9	2.6	3.3	3.6	3.6	3.3	2.6	1.9	1.1	0.6	0.2			
-90	0.1	0.9	2.4	4.4	5.3	4.4	2.4	0.9	0.1									

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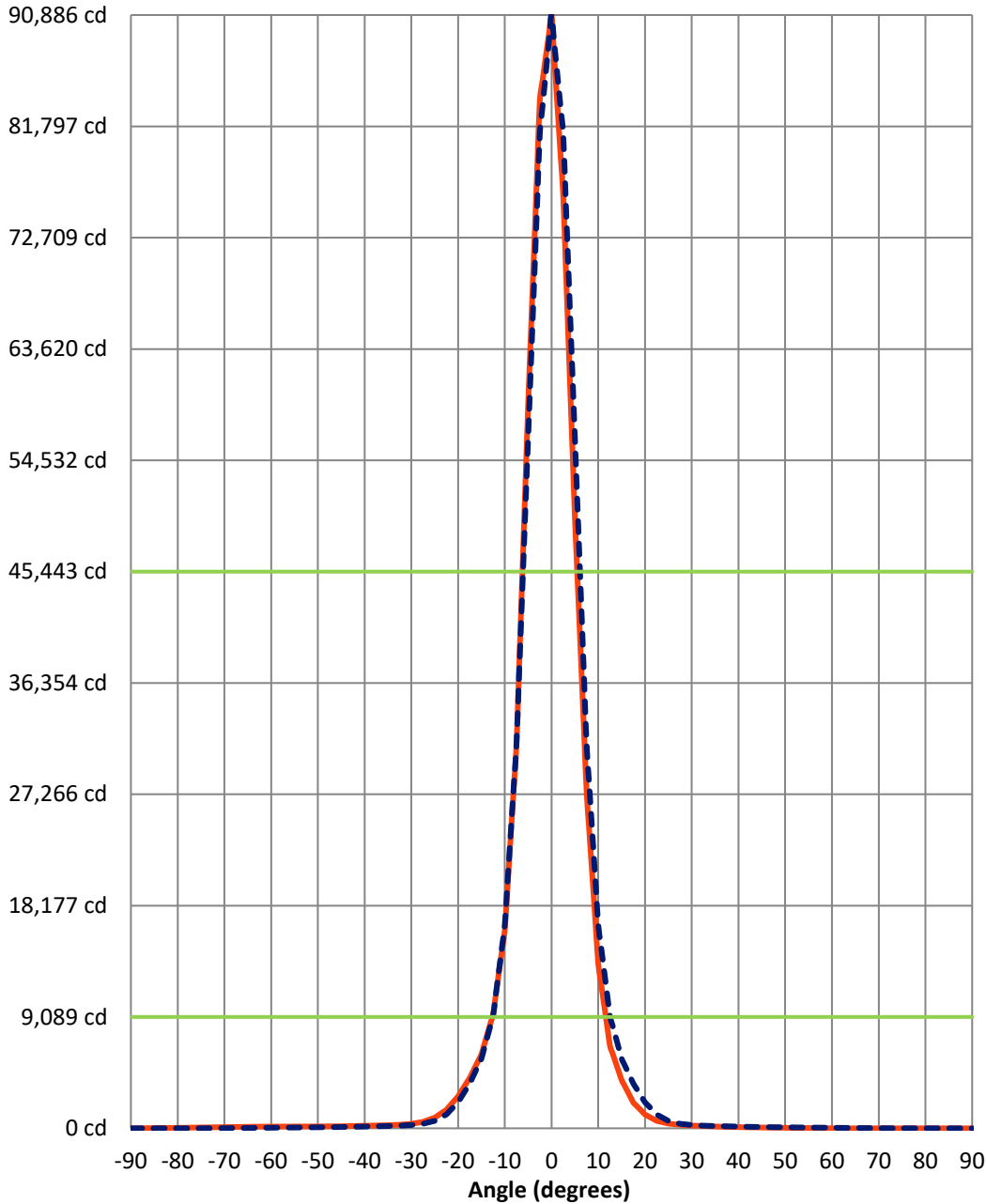
### Luminous Intensity Polar Plot



— 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: 1986.1  
 Efficiency: 31.3%

**Field:**  
 H Angle: 25.1°  
 V Angle: 24.3°  
 Lumens: 4519.1  
 Efficiency: 71.2%

**Spill:**  
 Lumens: 1829.4  
 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	1.1	1.1
85°	0.0	0.0	0.0	0.0	1.1	1.1	1.1	1.1	1.1	2.3	2.3
82.5°	0.0	0.0	0.0	0.0	1.1	1.1	1.1	1.1	2.3	2.3	2.3
80°	0.0	0.0	0.0	0.0	1.1	1.1	1.1	1.1	2.3	2.3	2.3
77.5°	0.0	0.0	0.0	0.0	1.1	1.1	1.1	1.1	1.1	1.1	2.3
75°	0.0	0.0	0.0	0.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1
72.5°	0.0	0.0	0.0	0.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1
70°	0.0	0.0	0.0	0.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1
67.5°	0.0	0.0	0.0	0.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1
65°	0.0	0.0	0.0	0.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1
62.5°	0.0	0.0	0.0	0.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1
60°	2.3	2.3	2.3	2.3	3.4	3.4	4.5	4.5	4.5	2.3	4.5
57.5°	18.2	18.2	17.1	15.9	14.8	13.6	13.6	13.6	13.6	13.6	11.4
55°	25.0	25.0	25.0	23.9	23.9	22.7	21.6	20.5	20.5	19.3	18.2
52.5°	29.6	29.6	29.6	29.6	28.4	28.4	28.4	27.3	25.0	25.0	23.9
50°	42.1	40.9	40.9	40.9	40.9	38.7	37.5	35.3	34.1	33.0	31.8
47.5°	54.6	54.6	53.5	53.5	52.3	50.0	47.8	45.5	43.2	42.1	39.8
45°	64.8	64.8	63.7	63.7	62.6	60.3	56.9	53.5	51.2	48.9	46.6
42.5°	79.6	78.5	77.3	76.2	73.9	70.5	66.0	61.4	58.0	54.6	52.3
40°	95.5	95.5	94.4	93.3	89.9	86.4	80.8	75.1	69.4	62.6	59.1
37.5°	114.9	116.0	117.1	117.1	114.9	110.3	102.4	95.5	86.4	77.3	72.8
35°	150.1	150.1	152.4	152.4	149.0	143.3	137.6	122.8	111.5	100.1	89.9
32.5°	188.8	189.9	185.4	182.0	177.4	170.6	160.4	147.9	135.3	120.6	109.2
30°	226.3	226.3	220.6	213.8	204.7	193.3	180.8	167.2	152.4	137.6	124.0
27.5°	285.5	279.8	275.2	263.9	247.9	226.3	210.4	188.8	169.5	152.4	137.6
25°	383.3	382.1	371.9	352.6	320.7	286.6	260.5	224.1	194.5	168.3	151.3
22.5°	609.6	601.7	577.8	530.0	454.9	395.8	342.3	285.5	232.0	196.8	169.5
20°	1127.1	1100.9	1037.3	905.3	737.0	621.0	487.9	392.4	302.5	236.6	195.6
17.5°	2102.9	2085.9	2062.0	1757.2	1414.9	1169.2	870.1	601.7	429.9	309.4	232.0
15°	3942.0	3815.8	3551.9	3186.8	2708.0	2092.7	1538.8	971.3	614.2	411.7	294.6
12.5°	6738.8	6598.9	5917.6	5004.3	4143.3	3267.6	2294.0	1476.3	874.6	523.2	349.2
10°	13427.5	12411.8	10504.5	7839.7	6118.9	4563.0	3221.0	2014.2	1138.5	660.8	414.0
7.5°	27502.1	24183.3	18635.3	13155.6	8515.3	5984.7	4113.8	2634.1	1517.2	826.8	473.1
5°	49846.3	43958.3	33117.1	19941.0	12365.2	7500.8	4881.5	3132.2	1795.9	962.2	532.3
2.5°	76112.1	68495.3	47878.7	27420.2	15247.2	8674.5	5418.3	3459.8	1973.3	1054.3	577.8
0°	90886.1	81184.6	56384.9	31392.9	16620.0	9172.7	5681.0	3656.6	2123.4	1129.4	607.3
-2.5°	83956.3	76146.2	51818.4	29161.4	15881.8	8954.3	5718.6	3705.5	2148.4	1149.9	621.0
-5°	59172.5	52762.4	35854.7	21519.6	13475.2	8248.0	5395.6	3521.2	2079.1	1120.3	615.3
-7.5°	31305.3	28405.1	21263.7	15463.3	9835.7	6981.0	4857.6	3194.8	1899.4	1040.7	581.2
-10°	16174.1	15579.3	13425.2	10120.1	7959.1	5848.2	4145.6	2731.9	1587.7	896.2	523.2
-12.5°	9325.1	9223.8	8531.2	7323.3	6103.0	4804.1	3401.8	2228.1	1325.0	742.7	441.3
-15°	6038.1	6081.4	5840.3	5337.5	4642.6	3595.1	2613.6	1657.1	980.4	601.7	389.0
-17.5°	4120.6	4109.2	3996.6	3652.0	3092.4	2428.2	1732.2	1170.3	742.7	468.6	323.0
-20°	2606.8	2611.3	2506.7	2269.0	1857.3	1496.7	1078.2	789.3	526.6	368.5	285.5



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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°	1512.7	1516.1	1450.1	1315.9	1099.8	887.1	700.6	522.0	387.8	307.1	250.2
-25°	868.9	855.3	829.1	764.3	663.1	547.1	465.2	367.4	310.5	260.5	228.6
-27.5°	526.6	517.5	503.8	475.4	435.6	377.6	340.1	296.8	263.9	234.3	215.0
-30°	367.4	370.8	359.4	344.6	326.4	300.3	279.8	259.3	237.7	219.5	201.3
-32.5°	292.3	294.6	288.9	283.2	274.1	263.9	251.4	236.6	219.5	202.4	185.4
-35°	251.4	252.5	252.5	251.4	249.1	241.1	232.0	218.4	202.4	186.5	171.7
-37.5°	230.9	232.0	232.0	230.9	227.5	220.6	211.5	200.2	185.4	170.6	159.2
-40°	209.3	210.4	209.3	207.0	203.6	196.8	189.9	180.8	169.5	157.0	146.7
-42.5°	188.8	187.7	186.5	184.2	180.8	176.3	170.6	163.8	155.8	146.7	138.8
-45°	169.5	169.5	168.3	167.2	164.9	161.5	158.1	152.4	146.7	139.9	133.1
-47.5°	159.2	159.2	158.1	157.0	155.8	153.5	150.1	145.6	141.0	135.3	129.7
-50°	152.4	152.4	152.4	151.3	150.1	147.9	144.4	141.0	136.5	130.8	125.1
-52.5°	147.9	147.9	147.9	146.7	145.6	144.4	141.0	136.5	130.8	126.2	121.7
-55°	145.6	144.4	144.4	143.3	142.2	141.0	136.5	131.9	127.4	122.8	118.3
-57.5°	142.2	141.0	141.0	139.9	138.8	137.6	133.1	128.5	124.0	118.3	114.9
-60°	138.8	137.6	137.6	135.3	134.2	133.1	128.5	124.0	119.4	114.9	110.3
-62.5°	134.2	133.1	131.9	130.8	128.5	126.2	122.8	118.3	112.6	108.0	103.5
-65°	124.0	122.8	121.7	120.6	119.4	118.3	114.9	109.2	104.6	100.1	95.5
-67.5°	111.5	111.5	111.5	109.2	108.0	105.8	103.5	98.9	94.4	89.9	86.4
-70°	96.7	96.7	96.7	94.4	93.3	92.1	88.7	85.3	81.9	78.5	73.9
-72.5°	81.9	80.8	80.8	79.6	77.3	76.2	73.9	71.7	68.2	66.0	62.6
-75°	67.1	66.0	66.0	64.8	63.7	62.6	60.3	59.1	56.9	54.6	51.2
-77.5°	53.5	53.5	53.5	52.3	51.2	50.0	48.9	47.8	46.6	44.4	42.1
-80°	40.9	40.9	40.9	40.9	40.9	40.9	40.9	39.8	37.5	36.4	35.3
-82.5°	29.6	30.7	30.7	30.7	30.7	30.7	30.7	30.7	29.6	28.4	27.3
-85°	19.3	20.5	20.5	21.6	22.7	22.7	23.9	22.7	21.6	19.3	18.2
-87.5°	10.2	10.2	10.2	10.2	10.2	10.2	10.2	9.1	9.1	9.1	8.0
-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°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	2.3	2.3	2.3
85°	2.3	2.3	2.3	2.3	3.4	3.4	3.4	4.5	4.5	4.5	4.5
82.5°	2.3	3.4	3.4	3.4	4.5	4.5	5.7	6.8	9.1	10.2	10.2
80°	2.3	3.4	3.4	3.4	4.5	4.5	5.7	5.7	6.8	8.0	10.2
77.5°	2.3	2.3	3.4	3.4	3.4	4.5	4.5	5.7	5.7	6.8	8.0
75°	1.1	2.3	2.3	2.3	3.4	3.4	4.5	4.5	5.7	5.7	6.8
72.5°	1.1	2.3	2.3	2.3	3.4	3.4	4.5	4.5	4.5	5.7	5.7
70°	1.1	2.3	2.3	2.3	2.3	3.4	3.4	3.4	4.5	4.5	4.5
67.5°	1.1	1.1	1.1	2.3	2.3	2.3	2.3	3.4	3.4	3.4	4.5
65°	1.1	1.1	1.1	1.1	2.3	2.3	2.3	2.3	3.4	3.4	3.4
62.5°	1.1	1.1	1.1	2.3	2.3	2.3	2.3	2.3	3.4	3.4	3.4
60°	4.5	4.5	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
57.5°	10.2	10.2	9.1	8.0	6.8	6.8	5.7	4.5	4.5	3.4	3.4
55°	17.1	15.9	14.8	12.5	11.4	10.2	9.1	6.8	5.7	4.5	3.4
52.5°	21.6	20.5	19.3	18.2	15.9	13.6	12.5	11.4	9.1	6.8	5.7
50°	31.8	28.4	26.2	23.9	21.6	19.3	17.1	15.9	12.5	10.2	8.0
47.5°	38.7	36.4	33.0	30.7	28.4	25.0	21.6	19.3	17.1	13.6	10.2
45°	44.4	42.1	38.7	36.4	34.1	30.7	27.3	23.9	21.6	18.2	13.6
42.5°	50.0	47.8	44.4	42.1	38.7	35.3	31.8	28.4	25.0	22.7	18.2
40°	58.0	54.6	50.0	47.8	45.5	40.9	36.4	33.0	29.6	26.2	21.6
37.5°	68.2	64.8	59.1	54.6	51.2	47.8	43.2	38.7	35.3	30.7	26.2
35°	84.2	78.5	70.5	63.7	59.1	54.6	48.9	44.4	39.8	35.3	30.7
32.5°	100.1	91.0	80.8	72.8	66.0	60.3	54.6	50.0	44.4	38.7	34.1
30°	112.6	102.4	92.1	80.8	72.8	66.0	60.3	54.6	48.9	43.2	37.5
27.5°	125.1	113.7	102.4	91.0	79.6	70.5	64.8	59.1	53.5	47.8	40.9
25°	137.6	125.1	113.7	101.2	87.6	77.3	69.4	64.8	59.1	52.3	44.4
22.5°	149.0	137.6	126.2	112.6	96.7	83.0	75.1	69.4	63.7	55.7	48.9
20°	170.6	155.8	142.2	125.1	106.9	93.3	83.0	75.1	68.2	60.3	52.3
17.5°	199.0	177.4	159.2	139.9	121.7	104.6	89.9	80.8	73.9	64.8	55.7
15°	235.4	197.9	175.2	155.8	134.2	114.9	98.9	86.4	77.3	68.2	60.3
12.5°	262.7	213.8	188.8	170.6	147.9	126.2	105.8	91.0	80.8	71.7	62.6
10°	293.4	230.9	200.2	179.7	155.8	131.9	110.3	94.4	83.0	75.1	66.0
7.5°	318.5	244.5	205.9	183.1	160.4	136.5	114.9	97.8	86.4	77.3	68.2
5°	341.2	255.9	210.4	184.2	162.6	139.9	117.1	100.1	88.7	79.6	70.5
2.5°	357.1	266.1	215.0	186.5	164.9	142.2	120.6	102.4	91.0	81.9	72.8
0°	370.8	269.6	213.8	186.5	166.1	142.2	121.7	103.5	92.1	83.0	73.9
-2.5°	375.3	275.2	219.5	188.8	168.3	144.4	124.0	104.6	93.3	84.2	76.2
-5°	375.3	270.7	219.5	191.1	169.5	145.6	124.0	105.8	94.4	85.3	76.2
-7.5°	361.7	263.9	218.4	193.3	170.6	146.7	124.0	106.9	95.5	86.4	77.3
-10°	337.8	253.6	217.2	194.5	170.6	145.6	124.0	106.9	95.5	86.4	78.5
-12.5°	299.1	240.0	211.5	192.2	168.3	143.3	122.8	106.9	95.5	87.6	78.5
-15°	279.8	228.6	204.7	185.4	162.6	139.9	120.6	105.8	95.5	87.6	79.6
-17.5°	253.6	219.5	197.9	178.6	158.1	136.5	118.3	105.8	95.5	86.4	79.6
-20°	235.4	209.3	189.9	172.9	152.4	133.1	117.1	104.6	95.5	86.4	79.6



REPORT NUMBER: P724010  
 CATALOG NUMBER: IFLD-S-SA2A-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°	219.5	197.9	180.8	163.8	145.6	128.5	114.9	103.5	94.4	86.4	79.6
-25°	207.0	187.7	171.7	155.8	139.9	125.1	112.6	102.4	93.3	86.4	78.5
-27.5°	195.6	177.4	162.6	147.9	133.1	121.7	110.3	101.2	93.3	85.3	77.3
-30°	183.1	168.3	153.5	139.9	129.7	118.3	108.0	98.9	92.1	84.2	76.2
-32.5°	170.6	157.0	144.4	134.2	125.1	116.0	106.9	97.8	89.9	81.9	73.9
-35°	159.2	146.7	137.6	128.5	121.7	113.7	104.6	95.5	88.7	80.8	73.9
-37.5°	147.9	138.8	130.8	124.0	117.1	110.3	101.2	93.3	86.4	78.5	70.5
-40°	138.8	131.9	126.2	120.6	113.7	105.8	98.9	91.0	84.2	76.2	67.1
-42.5°	133.1	127.4	121.7	116.0	110.3	103.5	96.7	88.7	81.9	73.9	64.8
-45°	127.4	122.8	118.3	113.7	108.0	101.2	93.3	85.3	78.5	70.5	63.7
-47.5°	124.0	119.4	114.9	111.5	106.9	97.8	91.0	83.0	75.1	68.2	60.3
-50°	120.6	116.0	112.6	108.0	102.4	94.4	87.6	79.6	72.8	64.8	58.0
-52.5°	117.1	112.6	108.0	103.5	97.8	91.0	84.2	77.3	69.4	61.4	54.6
-55°	113.7	109.2	104.6	100.1	94.4	88.7	81.9	72.8	64.8	56.9	50.0
-57.5°	110.3	106.9	101.2	95.5	89.9	84.2	76.2	68.2	60.3	52.3	46.6
-60°	105.8	101.2	96.7	89.9	84.2	77.3	70.5	63.7	55.7	48.9	43.2
-62.5°	98.9	94.4	89.9	83.0	77.3	71.7	66.0	58.0	52.3	45.5	39.8
-65°	91.0	86.4	81.9	76.2	70.5	64.8	60.3	53.5	47.8	42.1	37.5
-67.5°	81.9	77.3	73.9	68.2	63.7	58.0	53.5	47.8	42.1	37.5	33.0
-70°	70.5	67.1	63.7	59.1	54.6	50.0	45.5	40.9	36.4	33.0	28.4
-72.5°	60.3	56.9	53.5	50.0	46.6	42.1	38.7	35.3	31.8	28.4	26.2
-75°	48.9	46.6	44.4	42.1	38.7	35.3	33.0	29.6	27.3	25.0	23.9
-77.5°	40.9	38.7	36.4	34.1	31.8	29.6	27.3	25.0	23.9	22.7	21.6
-80°	33.0	31.8	30.7	28.4	27.3	25.0	23.9	21.6	21.6	21.6	21.6
-82.5°	26.2	25.0	23.9	22.7	21.6	20.5	20.5	19.3	20.5	20.5	19.3
-85°	18.2	17.1	15.9	15.9	14.8	14.8	13.6	13.6	13.6	12.5	12.5
-87.5°	8.0	8.0	8.0	8.0	6.8	6.8	6.8	6.8	6.8	5.7	5.7
-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: P724010  
 CATALOG NUMBER: IFLD-S-SA2A-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°	2.3	2.3	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.0	0.0
85°	4.5	4.5	3.4	3.4	3.4	2.3	2.3	1.1	1.1	1.1	1.1
82.5°	10.2	9.1	8.0	6.8	5.7	4.5	3.4	2.3	2.3	1.1	1.1
80°	12.5	12.5	12.5	11.4	9.1	6.8	4.5	3.4	2.3	1.1	1.1
77.5°	9.1	9.1	10.2	11.4	11.4	9.1	5.7	3.4	2.3	2.3	1.1
75°	6.8	6.8	6.8	8.0	9.1	9.1	6.8	4.5	2.3	2.3	1.1
72.5°	6.8	6.8	6.8	6.8	6.8	6.8	6.8	4.5	3.4	2.3	2.3
70°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	4.5	3.4	2.3	2.3
67.5°	4.5	4.5	5.7	5.7	5.7	4.5	4.5	4.5	3.4	2.3	2.3
65°	3.4	4.5	4.5	5.7	4.5	4.5	4.5	3.4	3.4	2.3	2.3
62.5°	3.4	3.4	4.5	4.5	4.5	4.5	3.4	3.4	3.4	2.3	2.3
60°	3.4	3.4	3.4	4.5	3.4	3.4	3.4	3.4	3.4	2.3	2.3
57.5°	3.4	3.4	3.4	3.4	3.4	3.4	3.4	2.3	2.3	2.3	2.3
55°	3.4	3.4	3.4	3.4	3.4	3.4	2.3	2.3	2.3	2.3	2.3
52.5°	4.5	3.4	3.4	3.4	3.4	3.4	2.3	2.3	2.3	2.3	2.3
50°	5.7	3.4	3.4	3.4	3.4	2.3	2.3	2.3	2.3	2.3	2.3
47.5°	8.0	5.7	4.5	3.4	3.4	2.3	2.3	2.3	2.3	2.3	1.1
45°	11.4	8.0	5.7	4.5	3.4	2.3	2.3	2.3	2.3	2.3	1.1
42.5°	13.6	10.2	6.8	5.7	4.5	3.4	2.3	2.3	2.3	1.1	1.1
40°	17.1	13.6	9.1	6.8	4.5	3.4	2.3	2.3	2.3	1.1	1.1
37.5°	21.6	17.1	11.4	8.0	5.7	3.4	3.4	2.3	2.3	1.1	1.1
35°	25.0	19.3	14.8	9.1	6.8	4.5	3.4	2.3	2.3	1.1	1.1
32.5°	28.4	22.7	18.2	11.4	8.0	5.7	4.5	2.3	2.3	1.1	1.1
30°	31.8	26.2	20.5	14.8	10.2	6.8	4.5	2.3	2.3	1.1	1.1
27.5°	35.3	28.4	22.7	17.1	11.4	8.0	5.7	3.4	2.3	1.1	1.1
25°	38.7	31.8	25.0	19.3	12.5	9.1	5.7	3.4	2.3	2.3	1.1
22.5°	40.9	35.3	28.4	21.6	14.8	10.2	6.8	4.5	2.3	2.3	1.1
20°	44.4	38.7	30.7	23.9	17.1	11.4	6.8	4.5	2.3	2.3	1.1
17.5°	47.8	40.9	33.0	26.2	19.3	12.5	8.0	5.7	2.3	2.3	1.1
15°	51.2	43.2	35.3	27.3	20.5	13.6	8.0	5.7	2.3	2.3	1.1
12.5°	54.6	46.6	37.5	29.6	21.6	14.8	9.1	6.8	3.4	2.3	1.1
10°	56.9	48.9	39.8	30.7	22.7	17.1	10.2	6.8	3.4	2.3	1.1
7.5°	60.3	51.2	42.1	33.0	23.9	18.2	11.4	6.8	3.4	2.3	1.1
5°	61.4	53.5	43.2	35.3	25.0	19.3	12.5	8.0	3.4	2.3	1.1
2.5°	62.6	55.7	44.4	36.4	26.2	19.3	12.5	8.0	4.5	2.3	1.1
0°	63.7	56.9	45.5	37.5	27.3	20.5	13.6	8.0	4.5	2.3	1.1
-2.5°	64.8	58.0	47.8	38.7	28.4	21.6	14.8	8.0	4.5	2.3	1.1
-5°	66.0	58.0	50.0	39.8	29.6	21.6	14.8	9.1	5.7	2.3	1.1
-7.5°	67.1	59.1	51.2	40.9	30.7	21.6	15.9	9.1	5.7	3.4	1.1
-10°	68.2	60.3	52.3	42.1	30.7	22.7	15.9	9.1	5.7	3.4	1.1
-12.5°	69.4	61.4	52.3	42.1	31.8	22.7	15.9	10.2	5.7	3.4	1.1
-15°	70.5	61.4	52.3	42.1	31.8	23.9	17.1	10.2	5.7	3.4	2.3
-17.5°	70.5	61.4	52.3	43.2	31.8	23.9	17.1	10.2	5.7	3.4	2.3
-20°	70.5	61.4	52.3	43.2	31.8	23.9	17.1	10.2	5.7	3.4	2.3



REPORT NUMBER: P724010

CATALOG NUMBER: IFLD-S-SA2A-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°	69.4	60.3	52.3	42.1	31.8	23.9	17.1	10.2	6.8	3.4	2.3
-25°	69.4	60.3	52.3	42.1	31.8	23.9	15.9	10.2	6.8	3.4	2.3
-27.5°	68.2	60.3	51.2	40.9	30.7	22.7	15.9	10.2	6.8	3.4	2.3
-30°	67.1	59.1	50.0	39.8	30.7	22.7	15.9	10.2	6.8	3.4	2.3
-32.5°	66.0	56.9	48.9	38.7	29.6	21.6	15.9	10.2	6.8	3.4	2.3
-35°	63.7	55.7	46.6	37.5	28.4	21.6	14.8	10.2	6.8	4.5	2.3
-37.5°	61.4	53.5	45.5	36.4	27.3	20.5	14.8	10.2	6.8	4.5	2.3
-40°	59.1	52.3	43.2	34.1	26.2	19.3	14.8	10.2	6.8	4.5	3.4
-42.5°	56.9	50.0	42.1	33.0	26.2	19.3	13.6	10.2	6.8	4.5	3.4
-45°	55.7	48.9	39.8	31.8	25.0	19.3	13.6	9.1	6.8	4.5	3.4
-47.5°	53.5	45.5	37.5	30.7	23.9	18.2	12.5	9.1	6.8	4.5	3.4
-50°	50.0	43.2	36.4	29.6	22.7	17.1	12.5	9.1	6.8	4.5	3.4
-52.5°	46.6	39.8	34.1	27.3	21.6	17.1	12.5	9.1	6.8	4.5	3.4
-55°	43.2	37.5	31.8	26.2	20.5	15.9	11.4	9.1	6.8	4.5	3.4
-57.5°	40.9	35.3	29.6	23.9	19.3	14.8	11.4	8.0	5.7	4.5	3.4
-60°	38.7	33.0	27.3	22.7	18.2	14.8	11.4	8.0	5.7	4.5	2.3
-62.5°	35.3	30.7	25.0	21.6	17.1	13.6	10.2	8.0	5.7	4.5	2.3
-65°	31.8	27.3	22.7	19.3	15.9	12.5	10.2	8.0	5.7	4.5	2.3
-67.5°	28.4	25.0	21.6	18.2	14.8	12.5	10.2	8.0	5.7	3.4	2.3
-70°	26.2	22.7	19.3	17.1	14.8	11.4	10.2	8.0	5.7	3.4	2.3
-72.5°	22.7	20.5	18.2	15.9	13.6	12.5	10.2	8.0	4.5	3.4	2.3
-75°	21.6	19.3	17.1	15.9	14.8	12.5	10.2	6.8	4.5	3.4	2.3
-77.5°	21.6	19.3	18.2	17.1	14.8	12.5	9.1	5.7	3.4	3.4	2.3
-80°	21.6	20.5	19.3	15.9	13.6	10.2	6.8	5.7	3.4	2.3	1.1
-82.5°	19.3	15.9	13.6	11.4	10.2	8.0	5.7	4.5	2.3	2.3	1.1
-85°	12.5	10.2	9.1	8.0	6.8	5.7	3.4	2.3	2.3	1.1	1.1
-87.5°	5.7	5.7	4.5	3.4	3.4	2.3	2.3	1.1	1.1	1.1	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: P724010  
 CATALOG NUMBER: IFLD-S-SA2A-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°	1.1	0.0	0.0	0.0
77.5°	1.1	0.0	0.0	0.0
75°	1.1	1.1	0.0	0.0
72.5°	1.1	1.1	0.0	0.0
70°	1.1	1.1	0.0	0.0
67.5°	1.1	1.1	0.0	0.0
65°	1.1	1.1	0.0	0.0
62.5°	1.1	1.1	0.0	0.0
60°	1.1	1.1	0.0	0.0
57.5°	1.1	1.1	1.1	0.0
55°	1.1	1.1	1.1	0.0
52.5°	1.1	1.1	1.1	0.0
50°	1.1	1.1	1.1	0.0
47.5°	1.1	1.1	1.1	0.0
45°	1.1	1.1	1.1	0.0
42.5°	1.1	1.1	1.1	0.0
40°	1.1	1.1	1.1	0.0
37.5°	1.1	1.1	1.1	0.0
35°	1.1	1.1	1.1	0.0
32.5°	1.1	1.1	1.1	0.0
30°	1.1	1.1	1.1	0.0
27.5°	1.1	1.1	1.1	0.0
25°	1.1	1.1	1.1	0.0
22.5°	1.1	1.1	1.1	0.0
20°	1.1	1.1	1.1	0.0
17.5°	1.1	1.1	1.1	0.0
15°	1.1	1.1	1.1	0.0
12.5°	1.1	1.1	1.1	0.0
10°	1.1	1.1	1.1	0.0
7.5°	1.1	1.1	1.1	0.0
5°	1.1	1.1	1.1	0.0
2.5°	1.1	1.1	1.1	0.0
0°	1.1	1.1	1.1	0.0
-2.5°	1.1	1.1	1.1	0.0
-5°	1.1	1.1	1.1	0.0
-7.5°	1.1	1.1	1.1	0.0
-10°	1.1	1.1	1.1	0.0
-12.5°	1.1	1.1	1.1	0.0
-15°	1.1	1.1	1.1	0.0
-17.5°	1.1	1.1	1.1	0.0
-20°	1.1	1.1	1.1	0.0



REPORT NUMBER: P724010

CATALOG NUMBER: IFLD-S-SA2A-722-U-22-VI

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
-22.5°	1.1	1.1	1.1	0.0
-25°	1.1	1.1	1.1	0.0
-27.5°	1.1	1.1	1.1	0.0
-30°	1.1	1.1	1.1	0.0
-32.5°	1.1	1.1	1.1	0.0
-35°	1.1	1.1	1.1	0.0
-37.5°	1.1	1.1	1.1	0.0
-40°	1.1	1.1	1.1	0.0
-42.5°	1.1	1.1	1.1	0.0
-45°	1.1	1.1	1.1	0.0
-47.5°	1.1	1.1	1.1	0.0
-50°	1.1	1.1	1.1	0.0
-52.5°	1.1	1.1	1.1	0.0
-55°	1.1	1.1	1.1	0.0
-57.5°	1.1	1.1	1.1	0.0
-60°	1.1	1.1	0.0	0.0
-62.5°	1.1	1.1	0.0	0.0
-65°	1.1	1.1	0.0	0.0
-67.5°	1.1	1.1	0.0	0.0
-70°	1.1	1.1	0.0	0.0
-72.5°	1.1	1.1	0.0	0.0
-75°	1.1	1.1	0.0	0.0
-77.5°	1.1	0.0	0.0	0.0
-80°	1.1	0.0	0.0	0.0
-82.5°	1.1	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)