

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: P724019

Luminaire Tested: **IFLD-S-SA3E-722-U-22-VI**

Issue Date: 01/11/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P724019  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 01/11/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-S-SA3E-722-U-22-VI  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 2 distribution lens and Visor  
Light Source: (48) 2200K CCT, 70 CRI LEDs  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

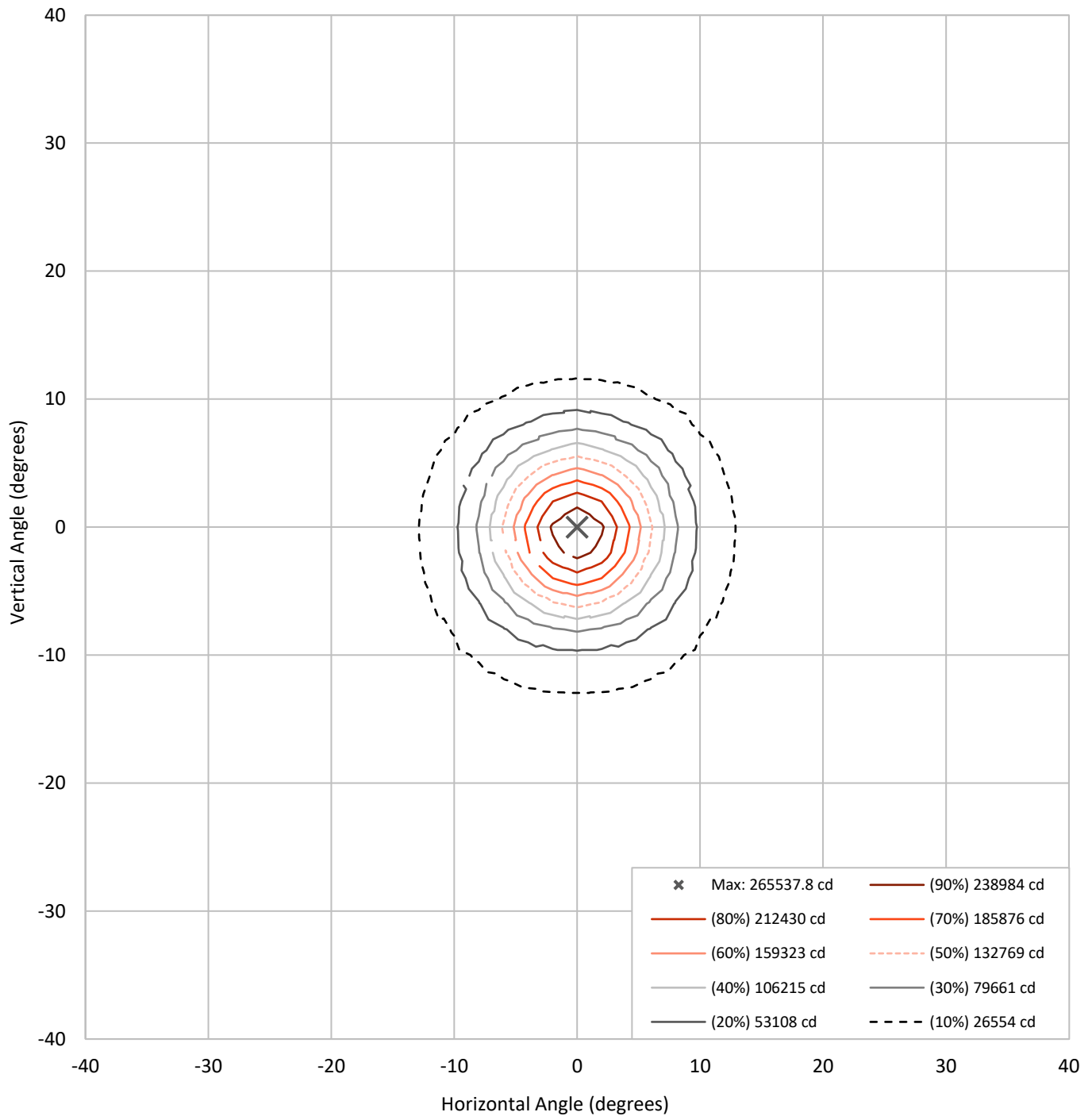
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	18547.9 lumens	Max Intensity:	265537.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	79.9 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	12.2°H x 11.7°V	Field Angle (10%):	25.1°H x 24.3°V
Beam Lumens:	5802.7 lumens	Field Lumens:	13203.1 lumens
Beam Efficiency:	31.3%	Field Efficiency:	71.2%

Input Watts (W): 232.1  
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





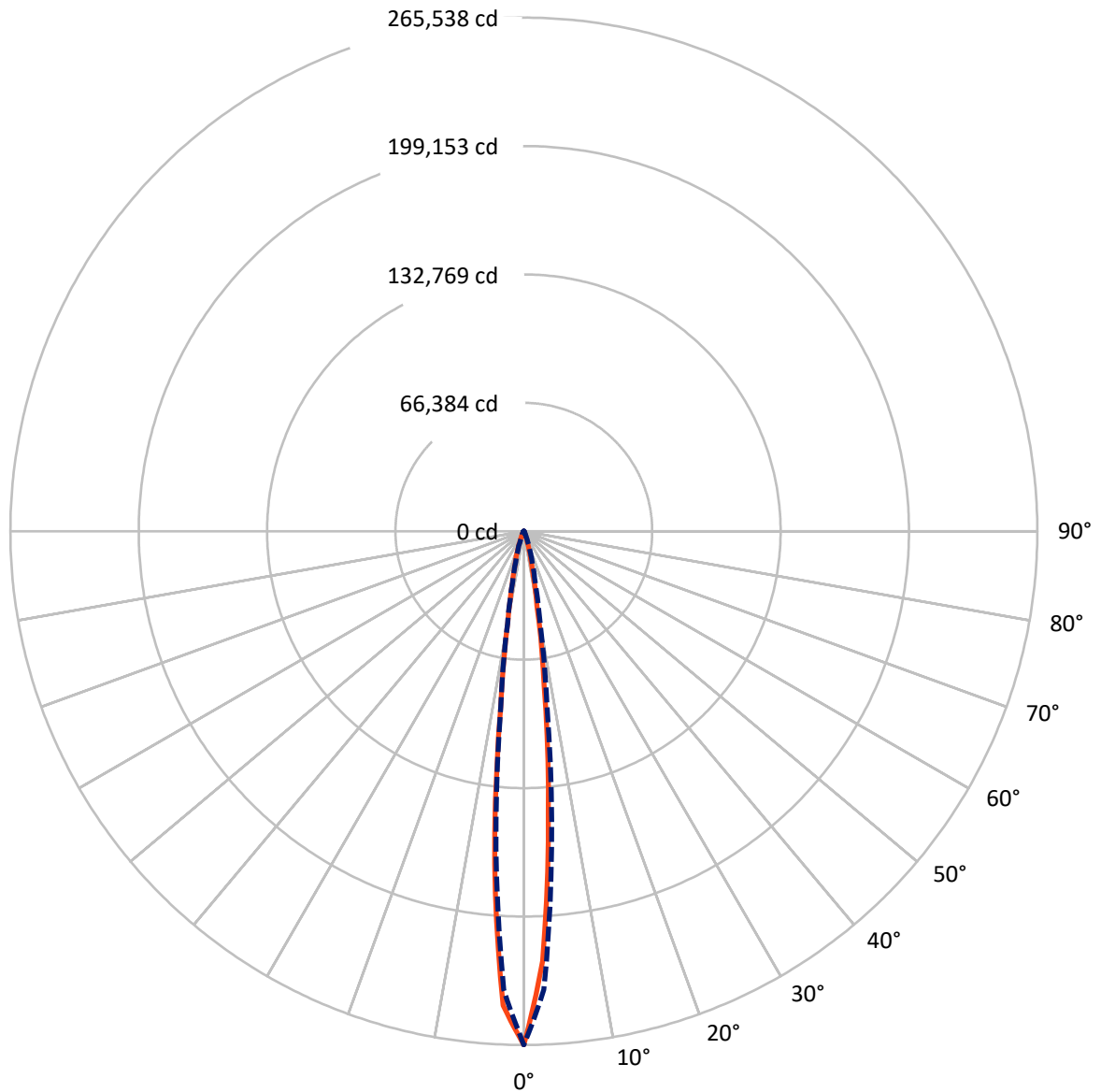
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### Lumen Table

90	0.1	1.1	0.9	0.4	0.0	0.4	0.9	1.1	0.1										
80	0.1	1.1	0.9	0.4	0.0	0.4	0.9	1.1	0.1										
70	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2				
60		0.1	0.2	0.5	1.0	1.4	1.8	2.1	2.1	1.8	1.4	1.0	0.5	0.2		0.1			
50	0.1	0.1	0.6	1.5	2.6	3.7	4.9	5.8	5.8	4.9	3.7	2.6	1.5	0.6	0.1	0.1			
40		0.3	1.3	2.8	4.7	7.5	11.3	13.5	13.5	11.3	7.5	4.7	2.8	1.3	0.3				
30	0.2	0.6	2.0	4.1	7.4	12.8	24.7	39.9	39.9	24.7	12.8	7.4	4.1	2.0	0.6	0.2			
20		0.8	2.7	5.6	11.3	28.0	146.1	369.7	369.7	146.1	28.0	11.3	5.6	2.7	0.8				
10	0.3	1.0	3.2	6.6	13.8	56.8	470.6	2900.2	2900.2	470.6	56.8	13.8	6.6	3.2	1.0	0.3			
0		1.2	3.5	6.9	14.4	64.8	517.9	3193.9	3193.9	517.9	64.8	14.4	6.9	3.5	1.2				
-10	0.4	1.3	3.6	6.9	13.5	38.8	232.5	560.2	560.2	232.5	38.8	13.5	6.9	3.6	1.3	0.4			
-20		1.3	3.6	6.5	11.4	19.8	48.0	90.2	90.2	48.0	19.8	11.4	6.5	3.6	1.3				
-30	0.4	1.1	3.3	6.1	9.5	14.0	19.8	23.3	23.3	19.8	14.0	9.5	6.1	3.3	1.1	0.4			
-40		1.0	2.9	5.4	8.3	10.9	13.8	15.3	15.3	13.8	10.9	8.3	5.4	2.9	1.0				
-50	0.3	0.8	2.3	4.6	7.2	9.5	11.7	12.8	12.8	11.7	9.5	7.2	4.6	2.3	0.8	0.3			
-60		0.6	1.7	3.4	5.5	7.6	9.6	10.6	10.6	9.6	7.6	5.5	3.4	1.7	0.6				
-70	0.2	0.6	1.7	3.4	5.5	7.6	9.6	10.6	10.6	9.6	7.6	5.5	3.4	1.7	0.6	0.2			
-80		0.2	2.5	6.9	12.8	15.5	12.8	6.9	2.5	0.2									
-90	0.2	2.5	6.9	12.8	15.5	12.8	6.9	2.5	0.2										
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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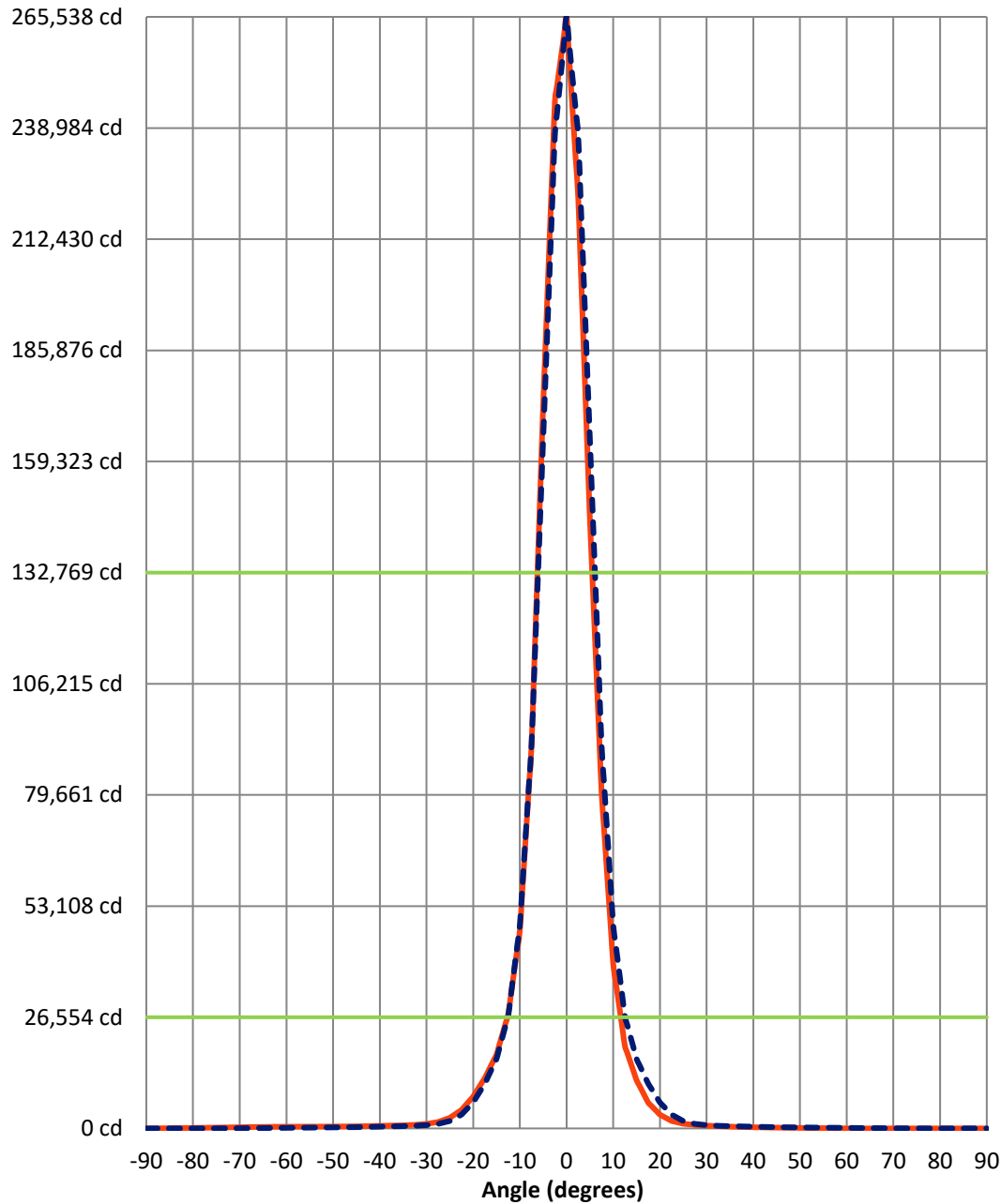
### Luminous Intensity Polar Plot



— 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: 5802.7  
 Efficiency: 31.3%

**Field:**  
 H Angle: 25.1°  
 V Angle: 24.3°  
 Lumens: 13203.1  
 Efficiency: 71.2%

**Spill:**  
 Lumens: 5344.8  
 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	3.3	3.3
85°	0.0	0.0	0.0	0.0	3.3	3.3	3.3	3.3	3.3	6.6	6.6
82.5°	0.0	0.0	0.0	0.0	3.3	3.3	3.3	3.3	6.6	6.6	6.6
80°	0.0	0.0	0.0	0.0	3.3	3.3	3.3	3.3	6.6	6.6	6.6
77.5°	0.0	0.0	0.0	0.0	3.3	3.3	3.3	3.3	3.3	3.3	6.6
75°	0.0	0.0	0.0	0.0	3.3	3.3	3.3	3.3	3.3	3.3	3.3
72.5°	0.0	0.0	0.0	0.0	3.3	3.3	3.3	3.3	3.3	3.3	3.3
70°	0.0	0.0	0.0	0.0	3.3	3.3	3.3	3.3	3.3	3.3	3.3
67.5°	0.0	0.0	0.0	0.0	3.3	3.3	3.3	3.3	3.3	3.3	3.3
65°	0.0	0.0	0.0	0.0	3.3	3.3	3.3	3.3	3.3	3.3	3.3
62.5°	0.0	0.0	0.0	0.0	3.3	3.3	3.3	3.3	3.3	3.3	3.3
60°	6.6	6.6	6.6	6.6	10.0	10.0	13.3	13.3	13.3	6.6	13.3
57.5°	53.2	53.2	49.8	46.5	43.2	39.9	39.9	39.9	39.9	39.9	33.2
55°	73.1	73.1	73.1	69.8	69.8	66.5	63.1	59.8	59.8	56.5	53.2
52.5°	86.4	86.4	86.4	86.4	83.1	83.1	83.1	79.8	73.1	73.1	69.8
50°	122.9	119.6	119.6	119.6	119.6	113.0	109.7	103.0	99.7	96.4	93.0
47.5°	159.5	159.5	156.2	156.2	152.9	146.2	139.6	132.9	126.3	122.9	116.3
45°	189.4	189.4	186.1	186.1	182.8	176.1	166.1	156.2	149.5	142.9	136.2
42.5°	232.6	229.3	226.0	222.6	216.0	206.0	192.7	179.4	169.5	159.5	152.9
40°	279.1	279.1	275.8	272.5	262.5	252.5	235.9	219.3	202.7	182.8	172.8
37.5°	335.6	338.9	342.3	342.3	335.6	322.3	299.1	279.1	252.5	226.0	212.7
35°	438.6	438.6	445.3	445.3	435.3	418.7	402.1	358.9	325.6	292.4	262.5
32.5°	551.6	554.9	541.6	531.7	518.4	498.4	468.5	432.0	395.4	352.2	319.0
30°	661.3	661.3	644.6	624.7	598.1	564.9	528.3	488.5	445.3	402.1	362.2
27.5°	834.1	817.4	804.1	770.9	724.4	661.3	614.7	551.6	495.1	445.3	402.1
25°	1119.8	1116.5	1086.6	1030.1	937.1	837.4	760.9	654.6	568.2	491.8	441.9
22.5°	1781.1	1757.8	1688.0	1548.5	1329.2	1156.4	1000.2	834.1	677.9	574.9	495.1
20°	3293.0	3216.6	3030.5	2645.0	2153.3	1814.3	1425.5	1146.4	883.9	691.2	571.5
17.5°	6144.1	6094.2	6024.5	5133.9	4133.7	3416.0	2542.0	1757.8	1256.1	903.8	677.9
15°	11517.2	11148.4	10377.5	9310.8	7911.9	6114.2	4495.9	2837.8	1794.4	1202.9	860.6
12.5°	19688.3	19279.6	17289.1	14620.8	12105.4	9546.7	6702.3	4313.1	2555.3	1528.5	1020.1
10°	39230.4	36263.0	30690.5	22904.9	17877.3	13331.6	9410.5	5884.9	3326.2	1930.6	1209.5
7.5°	80351.5	70655.2	54446.0	38436.2	24878.7	17485.2	12019.0	7695.9	4432.8	2415.8	1382.3
5°	145633.6	128430.8	96756.8	58260.7	36126.8	21914.7	14262.0	9151.3	5246.9	2811.2	1555.1
2.5°	222373.1	200119.5	139884.9	80112.3	44547.1	25343.9	15830.4	10108.3	5765.3	3080.3	1688.0
0°	265537.8	237193.3	164737.1	91719.2	48557.8	26799.3	16598.0	10683.2	6203.9	3299.7	1774.4
-2.5°	245291.3	222472.8	151395.5	85199.7	46401.2	26161.3	16707.6	10826.1	6277.0	3359.5	1814.3
-5°	172881.5	154153.6	104755.0	62873.0	39369.9	24097.8	15763.9	10287.8	6074.3	3273.1	1797.7
-7.5°	91463.4	82989.9	62125.3	45178.4	28736.6	20396.1	14192.2	9334.1	5549.3	3040.5	1698.0
-10°	47255.2	45517.4	39223.7	29567.3	23253.8	17086.5	12112.0	7981.7	4638.8	2618.5	1528.5
-12.5°	27244.6	26948.9	24925.2	21396.3	17830.8	14036.0	9938.9	6509.6	3871.2	2169.9	1289.3
-15°	17641.4	17767.7	17063.2	15594.5	13564.2	10503.7	7636.1	4841.5	2864.4	1757.8	1136.4
-17.5°	12038.9	12005.7	11676.7	10669.9	9035.0	7094.4	5060.8	3419.3	2169.9	1369.0	943.7
-20°	7616.1	7629.4	7323.7	6629.2	5426.3	4373.0	3150.1	2306.1	1538.5	1076.6	834.1



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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°	4419.5	4429.5	4236.7	3844.6	3213.3	2591.9	2046.9	1525.2	1133.1	897.2	731.0
-25°	2538.7	2498.8	2422.4	2233.0	1937.3	1598.3	1359.1	1073.3	907.2	760.9	667.9
-27.5°	1538.5	1511.9	1472.1	1389.0	1272.7	1103.2	993.6	867.3	770.9	684.5	628.0
-30°	1073.3	1083.3	1050.0	1006.8	953.7	877.3	817.4	757.6	694.5	641.3	588.2
-32.5°	854.0	860.6	844.0	827.4	800.8	770.9	734.4	691.2	641.3	591.5	541.6
-35°	734.4	737.7	737.7	734.4	727.7	704.5	677.9	638.0	591.5	545.0	501.8
-37.5°	674.6	677.9	677.9	674.6	664.6	644.6	618.1	584.8	541.6	498.4	465.2
-40°	611.4	614.7	611.4	604.8	594.8	574.9	554.9	528.3	495.1	458.6	428.7
-42.5°	551.6	548.3	545.0	538.3	528.3	515.1	498.4	478.5	455.2	428.7	405.4
-45°	495.1	495.1	491.8	488.5	481.8	471.9	461.9	445.3	428.7	408.7	388.8
-47.5°	465.2	465.2	461.9	458.6	455.2	448.6	438.6	425.3	412.0	395.4	378.8
-50°	445.3	445.3	445.3	441.9	438.6	432.0	422.0	412.0	398.8	382.1	365.5
-52.5°	432.0	432.0	432.0	428.7	425.3	422.0	412.0	398.8	382.1	368.8	355.6
-55°	425.3	422.0	422.0	418.7	415.4	412.0	398.8	385.5	372.2	358.9	345.6
-57.5°	415.4	412.0	412.0	408.7	405.4	402.1	388.8	375.5	362.2	345.6	335.6
-60°	405.4	402.1	402.1	395.4	392.1	388.8	375.5	362.2	348.9	335.6	322.3
-62.5°	392.1	388.8	385.5	382.1	375.5	368.8	358.9	345.6	329.0	315.7	302.4
-65°	362.2	358.9	355.6	352.2	348.9	345.6	335.6	319.0	305.7	292.4	279.1
-67.5°	325.6	325.6	325.6	319.0	315.7	309.0	302.4	289.1	275.8	262.5	252.5
-70°	282.4	282.4	282.4	275.8	272.5	269.2	259.2	249.2	239.3	229.3	216.0
-72.5°	239.3	235.9	235.9	232.6	226.0	222.6	216.0	209.3	199.4	192.7	182.8
-75°	196.1	192.7	192.7	189.4	186.1	182.8	176.1	172.8	166.1	159.5	149.5
-77.5°	156.2	156.2	156.2	152.9	149.5	146.2	142.9	139.6	136.2	129.6	122.9
-80°	119.6	119.6	119.6	119.6	119.6	119.6	119.6	116.3	109.7	106.3	103.0
-82.5°	86.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	86.4	83.1	79.8
-85°	56.5	59.8	59.8	63.1	66.5	66.5	69.8	66.5	63.1	56.5	53.2
-87.5°	29.9	29.9	29.9	29.9	29.9	29.9	29.9	26.6	26.6	26.6	23.3
-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°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	6.6	6.6	6.6
85°	6.6	6.6	6.6	6.6	10.0	10.0	10.0	13.3	13.3	13.3	13.3
82.5°	6.6	10.0	10.0	10.0	13.3	13.3	16.6	19.9	26.6	29.9	29.9
80°	6.6	10.0	10.0	10.0	13.3	13.3	16.6	16.6	19.9	23.3	29.9
77.5°	6.6	6.6	10.0	10.0	10.0	13.3	13.3	16.6	16.6	19.9	23.3
75°	3.3	6.6	6.6	6.6	10.0	10.0	13.3	13.3	16.6	16.6	19.9
72.5°	3.3	6.6	6.6	6.6	10.0	10.0	13.3	13.3	13.3	16.6	16.6
70°	3.3	6.6	6.6	6.6	6.6	10.0	10.0	10.0	13.3	13.3	13.3
67.5°	3.3	3.3	3.3	6.6	6.6	6.6	6.6	10.0	10.0	10.0	13.3
65°	3.3	3.3	3.3	3.3	6.6	6.6	6.6	6.6	10.0	10.0	10.0
62.5°	3.3	3.3	3.3	6.6	6.6	6.6	6.6	6.6	10.0	10.0	10.0
60°	13.3	13.3	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
57.5°	29.9	29.9	26.6	23.3	19.9	19.9	16.6	13.3	13.3	10.0	10.0
55°	49.8	46.5	43.2	36.6	33.2	29.9	26.6	19.9	16.6	13.3	10.0
52.5°	63.1	59.8	56.5	53.2	46.5	39.9	36.6	33.2	26.6	19.9	16.6
50°	93.0	83.1	76.4	69.8	63.1	56.5	49.8	46.5	36.6	29.9	23.3
47.5°	113.0	106.3	96.4	89.7	83.1	73.1	63.1	56.5	49.8	39.9	29.9
45°	129.6	122.9	113.0	106.3	99.7	89.7	79.8	69.8	63.1	53.2	39.9
42.5°	146.2	139.6	129.6	122.9	113.0	103.0	93.0	83.1	73.1	66.5	53.2
40°	169.5	159.5	146.2	139.6	132.9	119.6	106.3	96.4	86.4	76.4	63.1
37.5°	199.4	189.4	172.8	159.5	149.5	139.6	126.3	113.0	103.0	89.7	76.4
35°	245.9	229.3	206.0	186.1	172.8	159.5	142.9	129.6	116.3	103.0	89.7
32.5°	292.4	265.8	235.9	212.7	192.7	176.1	159.5	146.2	129.6	113.0	99.7
30°	329.0	299.1	269.2	235.9	212.7	192.7	176.1	159.5	142.9	126.3	109.7
27.5°	365.5	332.3	299.1	265.8	232.6	206.0	189.4	172.8	156.2	139.6	119.6
25°	402.1	365.5	332.3	295.7	255.9	226.0	202.7	189.4	172.8	152.9	129.6
22.5°	435.3	402.1	368.8	329.0	282.4	242.6	219.3	202.7	186.1	162.8	142.9
20°	498.4	455.2	415.4	365.5	312.4	272.5	242.6	219.3	199.4	176.1	152.9
17.5°	581.5	518.4	465.2	408.7	355.6	305.7	262.5	235.9	216.0	189.4	162.8
15°	687.8	578.2	511.7	455.2	392.1	335.6	289.1	252.5	226.0	199.4	176.1
12.5°	767.6	624.7	551.6	498.4	432.0	368.8	309.0	265.8	235.9	209.3	182.8
10°	857.3	674.6	584.8	525.0	455.2	385.5	322.3	275.8	242.6	219.3	192.7
7.5°	930.4	714.4	601.4	535.0	468.5	398.8	335.6	285.8	252.5	226.0	199.4
5°	996.9	747.7	614.7	538.3	475.2	408.7	342.3	292.4	259.2	232.6	206.0
2.5°	1043.4	777.6	628.0	545.0	481.8	415.4	352.2	299.1	265.8	239.3	212.7
0°	1083.3	787.5	624.7	545.0	485.1	415.4	355.6	302.4	269.2	242.6	216.0
-2.5°	1096.6	804.1	641.3	551.6	491.8	422.0	362.2	305.7	272.5	245.9	222.6
-5°	1096.6	790.9	641.3	558.3	495.1	425.3	362.2	309.0	275.8	249.2	222.6
-7.5°	1056.7	770.9	638.0	564.9	498.4	428.7	362.2	312.4	279.1	252.5	226.0
-10°	986.9	741.0	634.7	568.2	498.4	425.3	362.2	312.4	279.1	252.5	229.3
-12.5°	873.9	701.1	618.1	561.6	491.8	418.7	358.9	312.4	279.1	255.9	229.3
-15°	817.4	667.9	598.1	541.6	475.2	408.7	352.2	309.0	279.1	255.9	232.6
-17.5°	741.0	641.3	578.2	521.7	461.9	398.8	345.6	309.0	279.1	252.5	232.6
-20°	687.8	611.4	554.9	505.1	445.3	388.8	342.3	305.7	279.1	252.5	232.6



REPORT NUMBER: P724019  
 CATALOG NUMBER: IFLD-S-SA3E-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°	641.3	578.2	528.3	478.5	425.3	375.5	335.6	302.4	275.8	252.5	232.6
-25°	604.8	548.3	501.8	455.2	408.7	365.5	329.0	299.1	272.5	252.5	229.3
-27.5°	571.5	518.4	475.2	432.0	388.8	355.6	322.3	295.7	272.5	249.2	226.0
-30°	535.0	491.8	448.6	408.7	378.8	345.6	315.7	289.1	269.2	245.9	222.6
-32.5°	498.4	458.6	422.0	392.1	365.5	338.9	312.4	285.8	262.5	239.3	216.0
-35°	465.2	428.7	402.1	375.5	355.6	332.3	305.7	279.1	259.2	235.9	216.0
-37.5°	432.0	405.4	382.1	362.2	342.3	322.3	295.7	272.5	252.5	229.3	206.0
-40°	405.4	385.5	368.8	352.2	332.3	309.0	289.1	265.8	245.9	222.6	196.1
-42.5°	388.8	372.2	355.6	338.9	322.3	302.4	282.4	259.2	239.3	216.0	189.4
-45°	372.2	358.9	345.6	332.3	315.7	295.7	272.5	249.2	229.3	206.0	186.1
-47.5°	362.2	348.9	335.6	325.6	312.4	285.8	265.8	242.6	219.3	199.4	176.1
-50°	352.2	338.9	329.0	315.7	299.1	275.8	255.9	232.6	212.7	189.4	169.5
-52.5°	342.3	329.0	315.7	302.4	285.8	265.8	245.9	226.0	202.7	179.4	159.5
-55°	332.3	319.0	305.7	292.4	275.8	259.2	239.3	212.7	189.4	166.1	146.2
-57.5°	322.3	312.4	295.7	279.1	262.5	245.9	222.6	199.4	176.1	152.9	136.2
-60°	309.0	295.7	282.4	262.5	245.9	226.0	206.0	186.1	162.8	142.9	126.3
-62.5°	289.1	275.8	262.5	242.6	226.0	209.3	192.7	169.5	152.9	132.9	116.3
-65°	265.8	252.5	239.3	222.6	206.0	189.4	176.1	156.2	139.6	122.9	109.7
-67.5°	239.3	226.0	216.0	199.4	186.1	169.5	156.2	139.6	122.9	109.7	96.4
-70°	206.0	196.1	186.1	172.8	159.5	146.2	132.9	119.6	106.3	96.4	83.1
-72.5°	176.1	166.1	156.2	146.2	136.2	122.9	113.0	103.0	93.0	83.1	76.4
-75°	142.9	136.2	129.6	122.9	113.0	103.0	96.4	86.4	79.8	73.1	69.8
-77.5°	119.6	113.0	106.3	99.7	93.0	86.4	79.8	73.1	69.8	66.5	63.1
-80°	96.4	93.0	89.7	83.1	79.8	73.1	69.8	63.1	63.1	63.1	63.1
-82.5°	76.4	73.1	69.8	66.5	63.1	59.8	59.8	56.5	59.8	59.8	56.5
-85°	53.2	49.8	46.5	46.5	43.2	43.2	39.9	39.9	39.9	36.6	36.6
-87.5°	23.3	23.3	23.3	23.3	19.9	19.9	19.9	19.9	19.9	16.6	16.6
-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: P724019  
 CATALOG NUMBER: IFLD-S-SA3E-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°	6.6	6.6	3.3	3.3	3.3	3.3	3.3	3.3	3.3	0.0	0.0
85°	13.3	13.3	10.0	10.0	10.0	6.6	6.6	3.3	3.3	3.3	3.3
82.5°	29.9	26.6	23.3	19.9	16.6	13.3	10.0	6.6	6.6	3.3	3.3
80°	36.6	36.6	36.6	33.2	26.6	19.9	13.3	10.0	6.6	3.3	3.3
77.5°	26.6	26.6	29.9	33.2	33.2	26.6	16.6	10.0	6.6	6.6	3.3
75°	19.9	19.9	19.9	23.3	26.6	26.6	19.9	13.3	6.6	6.6	3.3
72.5°	19.9	19.9	19.9	19.9	19.9	19.9	19.9	13.3	10.0	6.6	6.6
70°	16.6	16.6	16.6	16.6	16.6	16.6	16.6	13.3	10.0	6.6	6.6
67.5°	13.3	13.3	16.6	16.6	16.6	13.3	13.3	13.3	10.0	6.6	6.6
65°	10.0	13.3	13.3	16.6	13.3	13.3	13.3	10.0	10.0	6.6	6.6
62.5°	10.0	10.0	13.3	13.3	13.3	13.3	10.0	10.0	10.0	6.6	6.6
60°	10.0	10.0	10.0	13.3	10.0	10.0	10.0	10.0	10.0	6.6	6.6
57.5°	10.0	10.0	10.0	10.0	10.0	10.0	10.0	6.6	6.6	6.6	6.6
55°	10.0	10.0	10.0	10.0	10.0	10.0	6.6	6.6	6.6	6.6	6.6
52.5°	13.3	10.0	10.0	10.0	10.0	10.0	6.6	6.6	6.6	6.6	6.6
50°	16.6	10.0	10.0	10.0	10.0	6.6	6.6	6.6	6.6	6.6	6.6
47.5°	23.3	16.6	13.3	10.0	10.0	6.6	6.6	6.6	6.6	6.6	3.3
45°	33.2	23.3	16.6	13.3	10.0	6.6	6.6	6.6	6.6	6.6	3.3
42.5°	39.9	29.9	19.9	16.6	13.3	10.0	6.6	6.6	6.6	3.3	3.3
40°	49.8	39.9	26.6	19.9	13.3	10.0	6.6	6.6	6.6	3.3	3.3
37.5°	63.1	49.8	33.2	23.3	16.6	10.0	10.0	6.6	6.6	3.3	3.3
35°	73.1	56.5	43.2	26.6	19.9	13.3	10.0	6.6	6.6	3.3	3.3
32.5°	83.1	66.5	53.2	33.2	23.3	16.6	13.3	6.6	6.6	3.3	3.3
30°	93.0	76.4	59.8	43.2	29.9	19.9	13.3	6.6	6.6	3.3	3.3
27.5°	103.0	83.1	66.5	49.8	33.2	23.3	16.6	10.0	6.6	3.3	3.3
25°	113.0	93.0	73.1	56.5	36.6	26.6	16.6	10.0	6.6	6.6	3.3
22.5°	119.6	103.0	83.1	63.1	43.2	29.9	19.9	13.3	6.6	6.6	3.3
20°	129.6	113.0	89.7	69.8	49.8	33.2	19.9	13.3	6.6	6.6	3.3
17.5°	139.6	119.6	96.4	76.4	56.5	36.6	23.3	16.6	6.6	6.6	3.3
15°	149.5	126.3	103.0	79.8	59.8	39.9	23.3	16.6	6.6	6.6	3.3
12.5°	159.5	136.2	109.7	86.4	63.1	43.2	26.6	19.9	10.0	6.6	3.3
10°	166.1	142.9	116.3	89.7	66.5	49.8	29.9	19.9	10.0	6.6	3.3
7.5°	176.1	149.5	122.9	96.4	69.8	53.2	33.2	19.9	10.0	6.6	3.3
5°	179.4	156.2	126.3	103.0	73.1	56.5	36.6	23.3	10.0	6.6	3.3
2.5°	182.8	162.8	129.6	106.3	76.4	56.5	36.6	23.3	13.3	6.6	3.3
0°	186.1	166.1	132.9	109.7	79.8	59.8	39.9	23.3	13.3	6.6	3.3
-2.5°	189.4	169.5	139.6	113.0	83.1	63.1	43.2	23.3	13.3	6.6	3.3
-5°	192.7	169.5	146.2	116.3	86.4	63.1	43.2	26.6	16.6	6.6	3.3
-7.5°	196.1	172.8	149.5	119.6	89.7	63.1	46.5	26.6	16.6	10.0	3.3
-10°	199.4	176.1	152.9	122.9	89.7	66.5	46.5	26.6	16.6	10.0	3.3
-12.5°	202.7	179.4	152.9	122.9	93.0	66.5	46.5	29.9	16.6	10.0	3.3
-15°	206.0	179.4	152.9	122.9	93.0	69.8	49.8	29.9	16.6	10.0	6.6
-17.5°	206.0	179.4	152.9	126.3	93.0	69.8	49.8	29.9	16.6	10.0	6.6
-20°	206.0	179.4	152.9	126.3	93.0	69.8	49.8	29.9	16.6	10.0	6.6



REPORT NUMBER: P724019

CATALOG NUMBER: IFLD-S-SA3E-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°	202.7	176.1	152.9	122.9	93.0	69.8	49.8	29.9	19.9	10.0	6.6
-25°	202.7	176.1	152.9	122.9	93.0	69.8	46.5	29.9	19.9	10.0	6.6
-27.5°	199.4	176.1	149.5	119.6	89.7	66.5	46.5	29.9	19.9	10.0	6.6
-30°	196.1	172.8	146.2	116.3	89.7	66.5	46.5	29.9	19.9	10.0	6.6
-32.5°	192.7	166.1	142.9	113.0	86.4	63.1	46.5	29.9	19.9	10.0	6.6
-35°	186.1	162.8	136.2	109.7	83.1	63.1	43.2	29.9	19.9	13.3	6.6
-37.5°	179.4	156.2	132.9	106.3	79.8	59.8	43.2	29.9	19.9	13.3	6.6
-40°	172.8	152.9	126.3	99.7	76.4	56.5	43.2	29.9	19.9	13.3	10.0
-42.5°	166.1	146.2	122.9	96.4	76.4	56.5	39.9	29.9	19.9	13.3	10.0
-45°	162.8	142.9	116.3	93.0	73.1	56.5	39.9	26.6	19.9	13.3	10.0
-47.5°	156.2	132.9	109.7	89.7	69.8	53.2	36.6	26.6	19.9	13.3	10.0
-50°	146.2	126.3	106.3	86.4	66.5	49.8	36.6	26.6	19.9	13.3	10.0
-52.5°	136.2	116.3	99.7	79.8	63.1	49.8	36.6	26.6	19.9	13.3	10.0
-55°	126.3	109.7	93.0	76.4	59.8	46.5	33.2	26.6	19.9	13.3	10.0
-57.5°	119.6	103.0	86.4	69.8	56.5	43.2	33.2	23.3	16.6	13.3	10.0
-60°	113.0	96.4	79.8	66.5	53.2	43.2	33.2	23.3	16.6	13.3	6.6
-62.5°	103.0	89.7	73.1	63.1	49.8	39.9	29.9	23.3	16.6	13.3	6.6
-65°	93.0	79.8	66.5	56.5	46.5	36.6	29.9	23.3	16.6	13.3	6.6
-67.5°	83.1	73.1	63.1	53.2	43.2	36.6	29.9	23.3	16.6	10.0	6.6
-70°	76.4	66.5	56.5	49.8	43.2	33.2	29.9	23.3	16.6	10.0	6.6
-72.5°	66.5	59.8	53.2	46.5	39.9	36.6	29.9	23.3	13.3	10.0	6.6
-75°	63.1	56.5	49.8	46.5	43.2	36.6	29.9	19.9	13.3	10.0	6.6
-77.5°	63.1	56.5	53.2	49.8	43.2	36.6	26.6	16.6	10.0	10.0	6.6
-80°	63.1	59.8	56.5	46.5	39.9	29.9	19.9	16.6	10.0	6.6	3.3
-82.5°	56.5	46.5	39.9	33.2	29.9	23.3	16.6	13.3	6.6	6.6	3.3
-85°	36.6	29.9	26.6	23.3	19.9	16.6	10.0	6.6	6.6	3.3	3.3
-87.5°	16.6	16.6	13.3	10.0	10.0	6.6	6.6	3.3	3.3	3.3	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: P724019  
 CATALOG NUMBER: IFLD-S-SA3E-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°	3.3	0.0	0.0	0.0
77.5°	3.3	0.0	0.0	0.0
75°	3.3	3.3	0.0	0.0
72.5°	3.3	3.3	0.0	0.0
70°	3.3	3.3	0.0	0.0
67.5°	3.3	3.3	0.0	0.0
65°	3.3	3.3	0.0	0.0
62.5°	3.3	3.3	0.0	0.0
60°	3.3	3.3	0.0	0.0
57.5°	3.3	3.3	3.3	0.0
55°	3.3	3.3	3.3	0.0
52.5°	3.3	3.3	3.3	0.0
50°	3.3	3.3	3.3	0.0
47.5°	3.3	3.3	3.3	0.0
45°	3.3	3.3	3.3	0.0
42.5°	3.3	3.3	3.3	0.0
40°	3.3	3.3	3.3	0.0
37.5°	3.3	3.3	3.3	0.0
35°	3.3	3.3	3.3	0.0
32.5°	3.3	3.3	3.3	0.0
30°	3.3	3.3	3.3	0.0
27.5°	3.3	3.3	3.3	0.0
25°	3.3	3.3	3.3	0.0
22.5°	3.3	3.3	3.3	0.0
20°	3.3	3.3	3.3	0.0
17.5°	3.3	3.3	3.3	0.0
15°	3.3	3.3	3.3	0.0
12.5°	3.3	3.3	3.3	0.0
10°	3.3	3.3	3.3	0.0
7.5°	3.3	3.3	3.3	0.0
5°	3.3	3.3	3.3	0.0
2.5°	3.3	3.3	3.3	0.0
0°	3.3	3.3	3.3	0.0
-2.5°	3.3	3.3	3.3	0.0
-5°	3.3	3.3	3.3	0.0
-7.5°	3.3	3.3	3.3	0.0
-10°	3.3	3.3	3.3	0.0
-12.5°	3.3	3.3	3.3	0.0
-15°	3.3	3.3	3.3	0.0
-17.5°	3.3	3.3	3.3	0.0
-20°	3.3	3.3	3.3	0.0



REPORT NUMBER: P724019

CATALOG NUMBER: IFLD-S-SA3E-722-U-22-VI

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
-22.5°	3.3	3.3	3.3	0.0
-25°	3.3	3.3	3.3	0.0
-27.5°	3.3	3.3	3.3	0.0
-30°	3.3	3.3	3.3	0.0
-32.5°	3.3	3.3	3.3	0.0
-35°	3.3	3.3	3.3	0.0
-37.5°	3.3	3.3	3.3	0.0
-40°	3.3	3.3	3.3	0.0
-42.5°	3.3	3.3	3.3	0.0
-45°	3.3	3.3	3.3	0.0
-47.5°	3.3	3.3	3.3	0.0
-50°	3.3	3.3	3.3	0.0
-52.5°	3.3	3.3	3.3	0.0
-55°	3.3	3.3	3.3	0.0
-57.5°	3.3	3.3	3.3	0.0
-60°	3.3	3.3	0.0	0.0
-62.5°	3.3	3.3	0.0	0.0
-65°	3.3	3.3	0.0	0.0
-67.5°	3.3	3.3	0.0	0.0
-70°	3.3	3.3	0.0	0.0
-72.5°	3.3	3.3	0.0	0.0
-75°	3.3	3.3	0.0	0.0
-77.5°	3.3	0.0	0.0	0.0
-80°	3.3	0.0	0.0	0.0
-82.5°	3.3	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)