

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: P724131

Luminaire Tested: **IFLD-S-SA3A-740-U-22-VI**

Issue Date: 01/11/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P724131  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 01/11/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-S-SA3A-740-U-22-VI  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 2 distribution lens and Visor  
Light Source: (48) 4000K CCT, 70 CRI LEDs  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

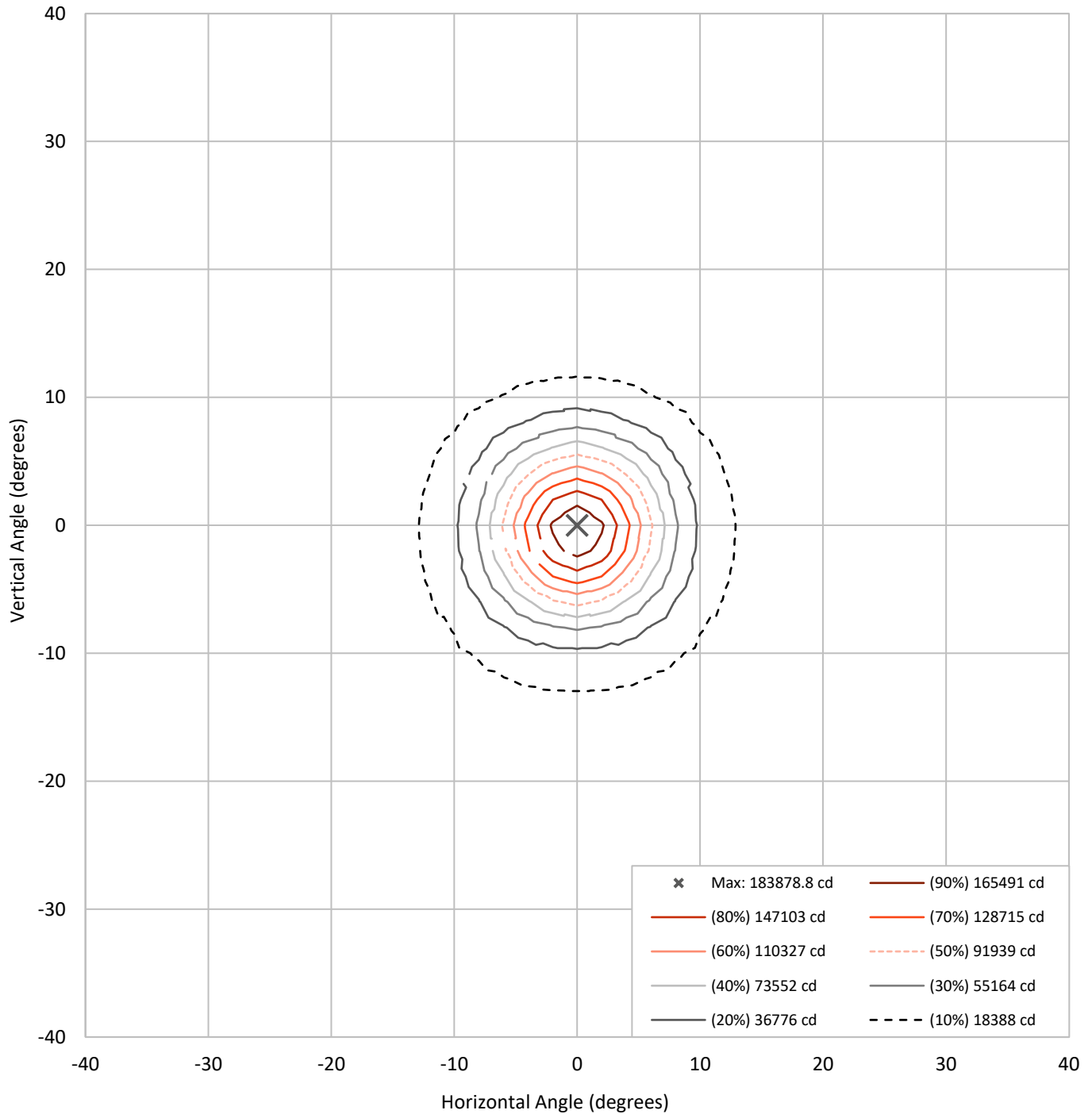
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	12844 lumens	Max Intensity:	183878.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	135.5 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	12.2°H x 11.7°V	Field Angle (10%):	25.1°H x 24.3°V
Beam Lumens:	4018.2 lumens	Field Lumens:	9142.8 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





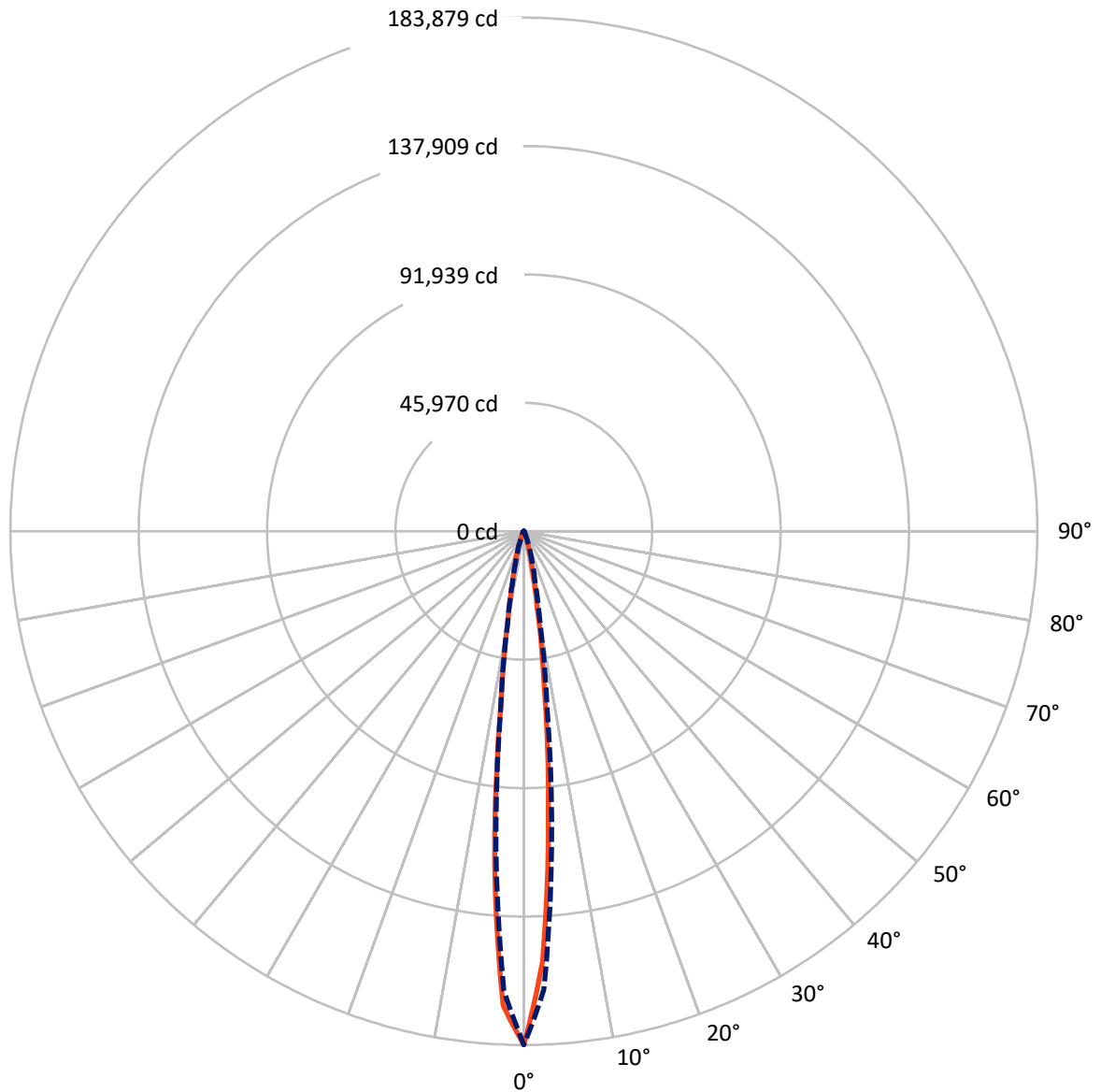
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### Lumen Table

90	0.1	0.8	0.7	0.3	0.0	0.3	0.7	0.8	0.1										
80	0.1	0.8	0.7	0.3	0.0	0.3	0.7	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	1.1	1.8	2.6	3.4	4.0	4.0	3.4	2.6	1.8	1.1	0.4	0.1	0.1			
40		0.2	0.9	1.9	3.3	5.2	7.8	9.3	9.3	7.8	5.2	3.3	1.9	0.9	0.2				
30	0.1	0.4	1.4	2.8	5.2	8.9	17.1	27.6	27.6	17.1	8.9	5.2	2.8	1.4	0.4	0.1			
20		0.6	1.8	3.9	7.8	19.4	101.2	256.0	256.0	101.2	19.4	7.8	3.9	1.8	0.6				
10	0.2	0.7	2.2	4.5	9.5	39.3	325.9	2008.3	2008.3	325.9	39.3	9.5	4.5	2.2	0.7	0.2			
0		0.8	2.4	4.8	9.9	44.8	358.6	2211.7	2211.7	358.6	44.8	9.9	4.8	2.4	0.8				
-10	0.3	0.9	2.5	4.8	9.3	26.9	161.0	387.9	387.9	161.0	26.9	9.3	4.8	2.5	0.9	0.3			
-20		0.9	2.5	4.5	7.9	13.7	33.3	62.5	62.5	33.3	13.7	7.9	4.5	2.5	0.9				
-30	0.3	0.8	2.3	4.2	6.6	9.7	13.7	16.1	16.1	13.7	9.7	6.6	4.2	2.3	0.8	0.3			
-40		0.7	2.0	3.8	5.7	7.5	9.6	10.6	10.6	9.6	7.5	5.7	3.8	2.0	0.7				
-50	0.2	0.6	1.6	3.2	5.0	6.6	8.1	8.8	8.8	8.1	6.6	5.0	3.2	1.6	0.6	0.2			
-60		0.4	1.1	2.3	3.8	5.3	6.6	7.4	7.4	6.6	5.3	3.8	2.3	1.1	0.4				
-70	0.1	0.4	1.1	2.3	3.8	5.3	6.6	7.4	7.4	6.6	5.3	3.8	2.3	1.1	0.4	0.1			
-80		1.7	4.8	8.9	10.7	8.9	4.8	1.7	0.1										
-90	0.1	1.7	4.8	8.9	10.7	8.9	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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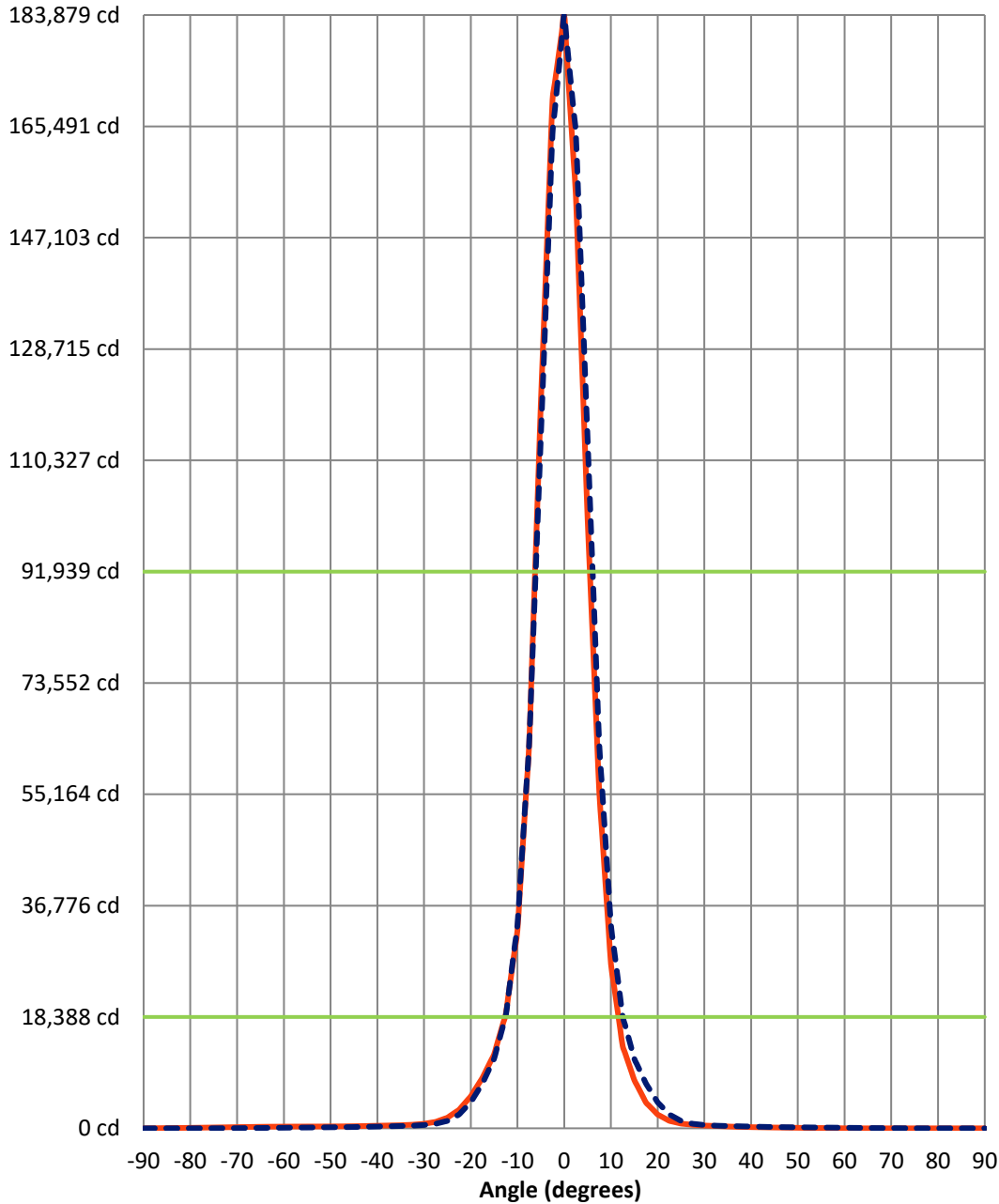
### Luminous Intensity Polar Plot



— 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: 4018.2  
 Efficiency: 31.3%

**Field:**  
 H Angle: 25.1°  
 V Angle: 24.3°  
 Lumens: 9142.8  
 Efficiency: 71.2%

**Spill:**  
 Lumens: 3701.1  
 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	6.9	6.9	9.2	9.2	9.2	4.6	9.2
57.5°	36.8	36.8	34.5	32.2	29.9	27.6	27.6	27.6	27.6	27.6	23.0
55°	50.6	50.6	50.6	48.3	48.3	46.0	43.7	41.4	41.4	39.1	36.8
52.5°	59.8	59.8	59.8	59.8	57.5	57.5	57.5	55.2	50.6	50.6	48.3
50°	85.1	82.8	82.8	82.8	82.8	78.2	75.9	71.3	69.0	66.7	64.4
47.5°	110.5	110.5	108.1	108.1	105.8	101.2	96.6	92.0	87.4	85.1	80.5
45°	131.2	131.2	128.9	128.9	126.6	122.0	115.1	108.1	103.5	98.9	94.3
42.5°	161.1	158.8	156.5	154.2	149.6	142.7	133.5	124.3	117.4	110.5	105.8
40°	193.3	193.3	191.0	188.7	181.8	174.9	163.4	151.9	140.4	126.6	119.7
37.5°	232.4	234.7	237.0	237.0	232.4	223.2	207.1	193.3	174.9	156.5	147.3
35°	303.7	303.7	308.3	308.3	301.4	289.9	278.4	248.5	225.5	202.5	181.8
32.5°	382.0	384.3	375.1	368.2	359.0	345.2	324.4	299.1	273.8	243.9	220.9
30°	457.9	457.9	446.4	432.6	414.2	391.2	365.9	338.3	308.3	278.4	250.8
27.5°	577.6	566.1	556.9	533.8	501.6	457.9	425.7	382.0	342.9	308.3	278.4
25°	775.5	773.2	752.4	713.3	648.9	579.9	526.9	453.3	393.5	340.6	306.0
22.5°	1233.4	1217.3	1168.9	1072.3	920.4	800.8	692.6	577.6	469.4	398.1	342.9
20°	2280.3	2227.4	2098.6	1831.6	1491.1	1256.4	987.1	793.9	612.1	478.6	395.8
17.5°	4254.6	4220.1	4171.8	3555.1	2862.5	2365.5	1760.3	1217.3	869.8	625.9	469.4
15°	7975.4	7720.0	7186.2	6447.5	5478.8	4233.9	3113.3	1965.1	1242.6	833.0	596.0
12.5°	13633.7	13350.7	11972.3	10124.6	8382.7	6610.9	4641.2	2986.8	1769.5	1058.5	706.4
10°	27166.1	25111.3	21252.5	15861.1	12379.6	9231.8	6516.6	4075.2	2303.3	1336.9	837.6
7.5°	55641.6	48927.1	37702.6	26616.2	17227.9	12108.1	8322.9	5329.2	3069.6	1672.9	957.2
5°	100847.9	88935.4	67001.8	40344.2	25017.0	15175.4	9876.1	6337.1	3633.4	1946.7	1076.9
2.5°	153988.2	138578.1	96867.1	55475.9	30847.8	17550.1	10962.2	6999.8	3992.3	2133.1	1168.9
0°	183878.8	164250.9	114076.6	63513.4	33625.2	18557.9	11493.7	7397.9	4296.1	2284.9	1228.8
-2.5°	169858.6	154057.3	104837.9	58998.8	32131.8	18116.1	11569.7	7496.8	4346.7	2326.4	1256.4
-5°	119716.5	106747.8	72540.4	43538.1	27262.8	16687.2	10916.2	7124.0	4206.3	2266.5	1244.9
-7.5°	63336.3	57468.6	43020.3	31285.0	19899.4	14123.8	9827.8	6463.6	3842.7	2105.5	1175.8
-10°	32723.2	31519.7	27161.5	20474.7	16102.7	11832.0	8387.3	5527.1	3212.3	1813.2	1058.5
-12.5°	18866.3	18661.5	17260.1	14816.4	12347.4	9719.6	6882.4	4507.7	2680.7	1502.6	892.8
-15°	12216.2	12303.7	11815.9	10798.8	9392.9	7273.6	5287.8	3352.6	1983.5	1217.3	787.0
-17.5°	8336.7	8313.7	8085.9	7388.7	6256.5	4912.7	3504.5	2367.8	1502.6	948.0	653.5
-20°	5274.0	5283.2	5071.5	4590.6	3757.6	3028.2	2181.4	1596.9	1065.4	745.5	577.6



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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°	3060.4	3067.3	2933.8	2662.3	2225.1	1794.8	1417.4	1056.2	784.7	621.3	506.2
-25°	1758.0	1730.4	1677.5	1546.3	1341.5	1106.8	941.1	743.2	628.2	526.9	462.5
-27.5°	1065.4	1047.0	1019.4	961.8	881.3	763.9	688.0	600.6	533.8	474.0	434.9
-30°	743.2	750.1	727.1	697.2	660.4	607.5	566.1	524.6	480.9	444.1	407.3
-32.5°	591.4	596.0	584.5	573.0	554.6	533.8	508.5	478.6	444.1	409.6	375.1
-35°	508.5	510.8	510.8	508.5	503.9	487.8	469.4	441.8	409.6	377.4	347.5
-37.5°	467.1	469.4	469.4	467.1	460.2	446.4	428.0	405.0	375.1	345.2	322.1
-40°	423.4	425.7	423.4	418.8	411.9	398.1	384.3	365.9	342.9	317.5	296.8
-42.5°	382.0	379.7	377.4	372.8	365.9	356.7	345.2	331.4	315.2	296.8	280.7
-45°	342.9	342.9	340.6	338.3	333.7	326.7	319.8	308.3	296.8	283.0	269.2
-47.5°	322.1	322.1	319.8	317.5	315.2	310.6	303.7	294.5	285.3	273.8	262.3
-50°	308.3	308.3	308.3	306.0	303.7	299.1	292.2	285.3	276.1	264.6	253.1
-52.5°	299.1	299.1	299.1	296.8	294.5	292.2	285.3	276.1	264.6	255.4	246.2
-55°	294.5	292.2	292.2	289.9	287.6	285.3	276.1	266.9	257.7	248.5	239.3
-57.5°	287.6	285.3	285.3	283.0	280.7	278.4	269.2	260.0	250.8	239.3	232.4
-60°	280.7	278.4	278.4	273.8	271.5	269.2	260.0	250.8	241.6	232.4	223.2
-62.5°	271.5	269.2	266.9	264.6	260.0	255.4	248.5	239.3	227.8	218.6	209.4
-65°	250.8	248.5	246.2	243.9	241.6	239.3	232.4	220.9	211.7	202.5	193.3
-67.5°	225.5	225.5	225.5	220.9	218.6	214.0	209.4	200.2	191.0	181.8	174.9
-70°	195.6	195.6	195.6	191.0	188.7	186.4	179.5	172.6	165.7	158.8	149.6
-72.5°	165.7	163.4	163.4	161.1	156.5	154.2	149.6	145.0	138.1	133.5	126.6
-75°	135.8	133.5	133.5	131.2	128.9	126.6	122.0	119.7	115.1	110.5	103.5
-77.5°	108.1	108.1	108.1	105.8	103.5	101.2	98.9	96.6	94.3	89.7	85.1
-80°	82.8	82.8	82.8	82.8	82.8	82.8	82.8	80.5	75.9	73.6	71.3
-82.5°	59.8	62.1	62.1	62.1	62.1	62.1	62.1	62.1	59.8	57.5	55.2
-85°	39.1	41.4	41.4	43.7	46.0	46.0	48.3	46.0	43.7	39.1	36.8
-87.5°	20.7	20.7	20.7	20.7	20.7	20.7	20.7	18.4	18.4	18.4	16.1
-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	6.9	6.9	6.9	9.2	9.2	9.2	9.2
82.5°	4.6	6.9	6.9	6.9	9.2	9.2	11.5	13.8	18.4	20.7	20.7
80°	4.6	6.9	6.9	6.9	9.2	9.2	11.5	11.5	13.8	16.1	20.7
77.5°	4.6	4.6	6.9	6.9	6.9	9.2	9.2	11.5	11.5	13.8	16.1
75°	2.3	4.6	4.6	4.6	6.9	6.9	9.2	9.2	11.5	11.5	13.8
72.5°	2.3	4.6	4.6	4.6	6.9	6.9	9.2	9.2	9.2	11.5	11.5
70°	2.3	4.6	4.6	4.6	4.6	6.9	6.9	6.9	9.2	9.2	9.2
67.5°	2.3	2.3	2.3	4.6	4.6	4.6	4.6	6.9	6.9	6.9	9.2
65°	2.3	2.3	2.3	2.3	4.6	4.6	4.6	4.6	6.9	6.9	6.9
62.5°	2.3	2.3	2.3	4.6	4.6	4.6	4.6	4.6	6.9	6.9	6.9
60°	9.2	9.2	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9
57.5°	20.7	20.7	18.4	16.1	13.8	13.8	11.5	9.2	9.2	6.9	6.9
55°	34.5	32.2	29.9	25.3	23.0	20.7	18.4	13.8	11.5	9.2	6.9
52.5°	43.7	41.4	39.1	36.8	32.2	27.6	25.3	23.0	18.4	13.8	11.5
50°	64.4	57.5	52.9	48.3	43.7	39.1	34.5	32.2	25.3	20.7	16.1
47.5°	78.2	73.6	66.7	62.1	57.5	50.6	43.7	39.1	34.5	27.6	20.7
45°	89.7	85.1	78.2	73.6	69.0	62.1	55.2	48.3	43.7	36.8	27.6
42.5°	101.2	96.6	89.7	85.1	78.2	71.3	64.4	57.5	50.6	46.0	36.8
40°	117.4	110.5	101.2	96.6	92.0	82.8	73.6	66.7	59.8	52.9	43.7
37.5°	138.1	131.2	119.7	110.5	103.5	96.6	87.4	78.2	71.3	62.1	52.9
35°	170.3	158.8	142.7	128.9	119.7	110.5	98.9	89.7	80.5	71.3	62.1
32.5°	202.5	184.1	163.4	147.3	133.5	122.0	110.5	101.2	89.7	78.2	69.0
30°	227.8	207.1	186.4	163.4	147.3	133.5	122.0	110.5	98.9	87.4	75.9
27.5°	253.1	230.1	207.1	184.1	161.1	142.7	131.2	119.7	108.1	96.6	82.8
25°	278.4	253.1	230.1	204.8	177.2	156.5	140.4	131.2	119.7	105.8	89.7
22.5°	301.4	278.4	255.4	227.8	195.6	168.0	151.9	140.4	128.9	112.8	98.9
20°	345.2	315.2	287.6	253.1	216.3	188.7	168.0	151.9	138.1	122.0	105.8
17.5°	402.7	359.0	322.1	283.0	246.2	211.7	181.8	163.4	149.6	131.2	112.8
15°	476.3	400.4	354.4	315.2	271.5	232.4	200.2	174.9	156.5	138.1	122.0
12.5°	531.5	432.6	382.0	345.2	299.1	255.4	214.0	184.1	163.4	145.0	126.6
10°	593.7	467.1	405.0	363.6	315.2	266.9	223.2	191.0	168.0	151.9	133.5
7.5°	644.3	494.7	416.5	370.5	324.4	276.1	232.4	197.9	174.9	156.5	138.1
5°	690.3	517.7	425.7	372.8	329.0	283.0	237.0	202.5	179.5	161.1	142.7
2.5°	722.5	538.4	434.9	377.4	333.7	287.6	243.9	207.1	184.1	165.7	147.3
0°	750.1	545.3	432.6	377.4	336.0	287.6	246.2	209.4	186.4	168.0	149.6
-2.5°	759.3	556.9	444.1	382.0	340.6	292.2	250.8	211.7	188.7	170.3	154.2
-5°	759.3	547.6	444.1	386.6	342.9	294.5	250.8	214.0	191.0	172.6	154.2
-7.5°	731.7	533.8	441.8	391.2	345.2	296.8	250.8	216.3	193.3	174.9	156.5
-10°	683.4	513.1	439.5	393.5	345.2	294.5	250.8	216.3	193.3	174.9	158.8
-12.5°	605.2	485.5	428.0	388.9	340.6	289.9	248.5	216.3	193.3	177.2	158.8
-15°	566.1	462.5	414.2	375.1	329.0	283.0	243.9	214.0	193.3	177.2	161.1
-17.5°	513.1	444.1	400.4	361.3	319.8	276.1	239.3	214.0	193.3	174.9	161.1
-20°	476.3	423.4	384.3	349.8	308.3	269.2	237.0	211.7	193.3	174.9	161.1



REPORT NUMBER: P724131  
 CATALOG NUMBER: IFLD-S-SA3A-740-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°	444.1	400.4	365.9	331.4	294.5	260.0	232.4	209.4	191.0	174.9	161.1
-25°	418.8	379.7	347.5	315.2	283.0	253.1	227.8	207.1	188.7	174.9	158.8
-27.5°	395.8	359.0	329.0	299.1	269.2	246.2	223.2	204.8	188.7	172.6	156.5
-30°	370.5	340.6	310.6	283.0	262.3	239.3	218.6	200.2	186.4	170.3	154.2
-32.5°	345.2	317.5	292.2	271.5	253.1	234.7	216.3	197.9	181.8	165.7	149.6
-35°	322.1	296.8	278.4	260.0	246.2	230.1	211.7	193.3	179.5	163.4	149.6
-37.5°	299.1	280.7	264.6	250.8	237.0	223.2	204.8	188.7	174.9	158.8	142.7
-40°	280.7	266.9	255.4	243.9	230.1	214.0	200.2	184.1	170.3	154.2	135.8
-42.5°	269.2	257.7	246.2	234.7	223.2	209.4	195.6	179.5	165.7	149.6	131.2
-45°	257.7	248.5	239.3	230.1	218.6	204.8	188.7	172.6	158.8	142.7	128.9
-47.5°	250.8	241.6	232.4	225.5	216.3	197.9	184.1	168.0	151.9	138.1	122.0
-50°	243.9	234.7	227.8	218.6	207.1	191.0	177.2	161.1	147.3	131.2	117.4
-52.5°	237.0	227.8	218.6	209.4	197.9	184.1	170.3	156.5	140.4	124.3	110.5
-55°	230.1	220.9	211.7	202.5	191.0	179.5	165.7	147.3	131.2	115.1	101.2
-57.5°	223.2	216.3	204.8	193.3	181.8	170.3	154.2	138.1	122.0	105.8	94.3
-60°	214.0	204.8	195.6	181.8	170.3	156.5	142.7	128.9	112.8	98.9	87.4
-62.5°	200.2	191.0	181.8	168.0	156.5	145.0	133.5	117.4	105.8	92.0	80.5
-65°	184.1	174.9	165.7	154.2	142.7	131.2	122.0	108.1	96.6	85.1	75.9
-67.5°	165.7	156.5	149.6	138.1	128.9	117.4	108.1	96.6	85.1	75.9	66.7
-70°	142.7	135.8	128.9	119.7	110.5	101.2	92.0	82.8	73.6	66.7	57.5
-72.5°	122.0	115.1	108.1	101.2	94.3	85.1	78.2	71.3	64.4	57.5	52.9
-75°	98.9	94.3	89.7	85.1	78.2	71.3	66.7	59.8	55.2	50.6	48.3
-77.5°	82.8	78.2	73.6	69.0	64.4	59.8	55.2	50.6	48.3	46.0	43.7
-80°	66.7	64.4	62.1	57.5	55.2	50.6	48.3	43.7	43.7	43.7	43.7
-82.5°	52.9	50.6	48.3	46.0	43.7	41.4	41.4	39.1	41.4	41.4	39.1
-85°	36.8	34.5	32.2	32.2	29.9	29.9	27.6	27.6	27.6	25.3	25.3
-87.5°	16.1	16.1	16.1	16.1	13.8	13.8	13.8	13.8	13.8	11.5	11.5
-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: P724131  
 CATALOG NUMBER: IFLD-S-SA3A-740-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°	9.2	9.2	6.9	6.9	6.9	4.6	4.6	2.3	2.3	2.3	2.3
82.5°	20.7	18.4	16.1	13.8	11.5	9.2	6.9	4.6	4.6	2.3	2.3
80°	25.3	25.3	25.3	23.0	18.4	13.8	9.2	6.9	4.6	2.3	2.3
77.5°	18.4	18.4	20.7	23.0	23.0	18.4	11.5	6.9	4.6	4.6	2.3
75°	13.8	13.8	13.8	16.1	18.4	18.4	13.8	9.2	4.6	4.6	2.3
72.5°	13.8	13.8	13.8	13.8	13.8	13.8	13.8	9.2	6.9	4.6	4.6
70°	11.5	11.5	11.5	11.5	11.5	11.5	11.5	9.2	6.9	4.6	4.6
67.5°	9.2	9.2	11.5	11.5	11.5	9.2	9.2	9.2	6.9	4.6	4.6
65°	6.9	9.2	9.2	11.5	9.2	9.2	9.2	6.9	6.9	4.6	4.6
62.5°	6.9	6.9	9.2	9.2	9.2	9.2	6.9	6.9	6.9	4.6	4.6
60°	6.9	6.9	6.9	9.2	6.9	6.9	6.9	6.9	6.9	4.6	4.6
57.5°	6.9	6.9	6.9	6.9	6.9	6.9	6.9	4.6	4.6	4.6	4.6
55°	6.9	6.9	6.9	6.9	6.9	6.9	4.6	4.6	4.6	4.6	4.6
52.5°	9.2	6.9	6.9	6.9	6.9	6.9	4.6	4.6	4.6	4.6	4.6
50°	11.5	6.9	6.9	6.9	6.9	4.6	4.6	4.6	4.6	4.6	4.6
47.5°	16.1	11.5	9.2	6.9	6.9	4.6	4.6	4.6	4.6	4.6	2.3
45°	23.0	16.1	11.5	9.2	6.9	4.6	4.6	4.6	4.6	4.6	2.3
42.5°	27.6	20.7	13.8	11.5	9.2	6.9	4.6	4.6	4.6	2.3	2.3
40°	34.5	27.6	18.4	13.8	9.2	6.9	4.6	4.6	4.6	2.3	2.3
37.5°	43.7	34.5	23.0	16.1	11.5	6.9	6.9	4.6	4.6	2.3	2.3
35°	50.6	39.1	29.9	18.4	13.8	9.2	6.9	4.6	4.6	2.3	2.3
32.5°	57.5	46.0	36.8	23.0	16.1	11.5	9.2	4.6	4.6	2.3	2.3
30°	64.4	52.9	41.4	29.9	20.7	13.8	9.2	4.6	4.6	2.3	2.3
27.5°	71.3	57.5	46.0	34.5	23.0	16.1	11.5	6.9	4.6	2.3	2.3
25°	78.2	64.4	50.6	39.1	25.3	18.4	11.5	6.9	4.6	4.6	2.3
22.5°	82.8	71.3	57.5	43.7	29.9	20.7	13.8	9.2	4.6	4.6	2.3
20°	89.7	78.2	62.1	48.3	34.5	23.0	13.8	9.2	4.6	4.6	2.3
17.5°	96.6	82.8	66.7	52.9	39.1	25.3	16.1	11.5	4.6	4.6	2.3
15°	103.5	87.4	71.3	55.2	41.4	27.6	16.1	11.5	4.6	4.6	2.3
12.5°	110.5	94.3	75.9	59.8	43.7	29.9	18.4	13.8	6.9	4.6	2.3
10°	115.1	98.9	80.5	62.1	46.0	34.5	20.7	13.8	6.9	4.6	2.3
7.5°	122.0	103.5	85.1	66.7	48.3	36.8	23.0	13.8	6.9	4.6	2.3
5°	124.3	108.1	87.4	71.3	50.6	39.1	25.3	16.1	6.9	4.6	2.3
2.5°	126.6	112.8	89.7	73.6	52.9	39.1	25.3	16.1	9.2	4.6	2.3
0°	128.9	115.1	92.0	75.9	55.2	41.4	27.6	16.1	9.2	4.6	2.3
-2.5°	131.2	117.4	96.6	78.2	57.5	43.7	29.9	16.1	9.2	4.6	2.3
-5°	133.5	117.4	101.2	80.5	59.8	43.7	29.9	18.4	11.5	4.6	2.3
-7.5°	135.8	119.7	103.5	82.8	62.1	43.7	32.2	18.4	11.5	6.9	2.3
-10°	138.1	122.0	105.8	85.1	62.1	46.0	32.2	18.4	11.5	6.9	2.3
-12.5°	140.4	124.3	105.8	85.1	64.4	46.0	32.2	20.7	11.5	6.9	2.3
-15°	142.7	124.3	105.8	85.1	64.4	48.3	34.5	20.7	11.5	6.9	4.6
-17.5°	142.7	124.3	105.8	87.4	64.4	48.3	34.5	20.7	11.5	6.9	4.6
-20°	142.7	124.3	105.8	87.4	64.4	48.3	34.5	20.7	11.5	6.9	4.6



REPORT NUMBER: P724131  
 CATALOG NUMBER: IFLD-S-SA3A-740-U-22-VI

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	140.4	122.0	105.8	85.1	64.4	48.3	34.5	20.7	13.8	6.9	4.6
-25°	140.4	122.0	105.8	85.1	64.4	48.3	32.2	20.7	13.8	6.9	4.6
-27.5°	138.1	122.0	103.5	82.8	62.1	46.0	32.2	20.7	13.8	6.9	4.6
-30°	135.8	119.7	101.2	80.5	62.1	46.0	32.2	20.7	13.8	6.9	4.6
-32.5°	133.5	115.1	98.9	78.2	59.8	43.7	32.2	20.7	13.8	6.9	4.6
-35°	128.9	112.8	94.3	75.9	57.5	43.7	29.9	20.7	13.8	9.2	4.6
-37.5°	124.3	108.1	92.0	73.6	55.2	41.4	29.9	20.7	13.8	9.2	4.6
-40°	119.7	105.8	87.4	69.0	52.9	39.1	29.9	20.7	13.8	9.2	6.9
-42.5°	115.1	101.2	85.1	66.7	52.9	39.1	27.6	20.7	13.8	9.2	6.9
-45°	112.8	98.9	80.5	64.4	50.6	39.1	27.6	18.4	13.8	9.2	6.9
-47.5°	108.1	92.0	75.9	62.1	48.3	36.8	25.3	18.4	13.8	9.2	6.9
-50°	101.2	87.4	73.6	59.8	46.0	34.5	25.3	18.4	13.8	9.2	6.9
-52.5°	94.3	80.5	69.0	55.2	43.7	34.5	25.3	18.4	13.8	9.2	6.9
-55°	87.4	75.9	64.4	52.9	41.4	32.2	23.0	18.4	13.8	9.2	6.9
-57.5°	82.8	71.3	59.8	48.3	39.1	29.9	23.0	16.1	11.5	9.2	6.9
-60°	78.2	66.7	55.2	46.0	36.8	29.9	23.0	16.1	11.5	9.2	4.6
-62.5°	71.3	62.1	50.6	43.7	34.5	27.6	20.7	16.1	11.5	9.2	4.6
-65°	64.4	55.2	46.0	39.1	32.2	25.3	20.7	16.1	11.5	9.2	4.6
-67.5°	57.5	50.6	43.7	36.8	29.9	25.3	20.7	16.1	11.5	6.9	4.6
-70°	52.9	46.0	39.1	34.5	29.9	23.0	20.7	16.1	11.5	6.9	4.6
-72.5°	46.0	41.4	36.8	32.2	27.6	25.3	20.7	16.1	9.2	6.9	4.6
-75°	43.7	39.1	34.5	32.2	29.9	25.3	20.7	13.8	9.2	6.9	4.6
-77.5°	43.7	39.1	36.8	34.5	29.9	25.3	18.4	11.5	6.9	6.9	4.6
-80°	43.7	41.4	39.1	32.2	27.6	20.7	13.8	11.5	6.9	4.6	2.3
-82.5°	39.1	32.2	27.6	23.0	20.7	16.1	11.5	9.2	4.6	4.6	2.3
-85°	25.3	20.7	18.4	16.1	13.8	11.5	6.9	4.6	4.6	2.3	2.3
-87.5°	11.5	11.5	9.2	6.9	6.9	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: P724131  
 CATALOG NUMBER: IFLD-S-SA3A-740-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: P724131  
CATALOG NUMBER: IFLD-S-SA3A-740-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)