

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: P724035

Luminaire Tested: **IFLD-L-SA8A-722-U-22-VI**

Issue Date: 01/11/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P724035  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 01/11/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-L-SA8A-722-U-22-VI  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 2 distribution lens and Visor  
Light Source: (128) 2200K CCT, 70 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

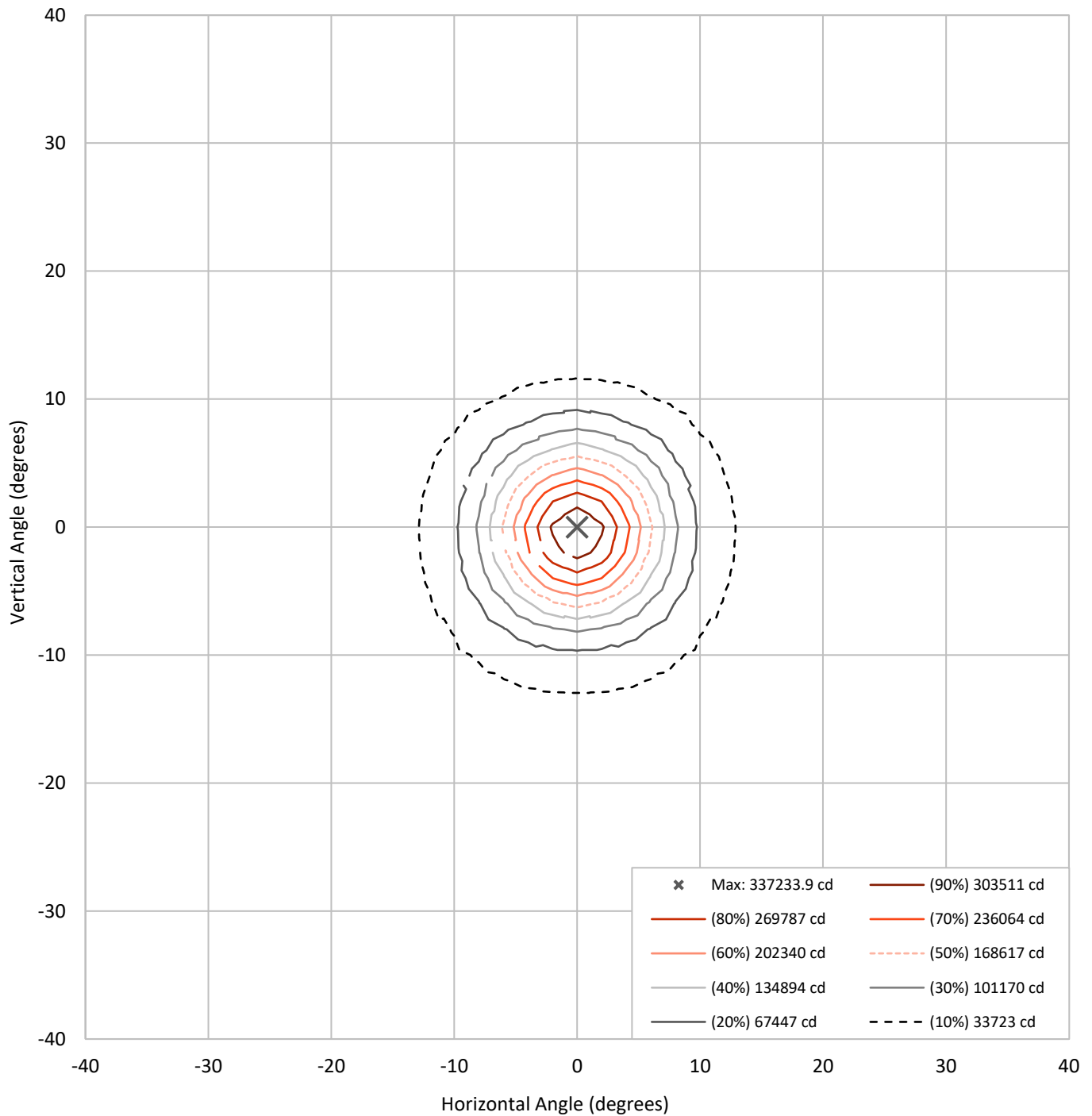
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	23555.9 lumens	Max Intensity:	337233.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	95.1 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	12.2°H x 11.7°V	Field Angle (10%):	25.1°H x 24.3°V
Beam Lumens:	7369.4 lumens	Field Lumens:	16768 lumens
Beam Efficiency:	31.3%	Field Efficiency:	71.2%

Input Watts (W): 247.8  
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





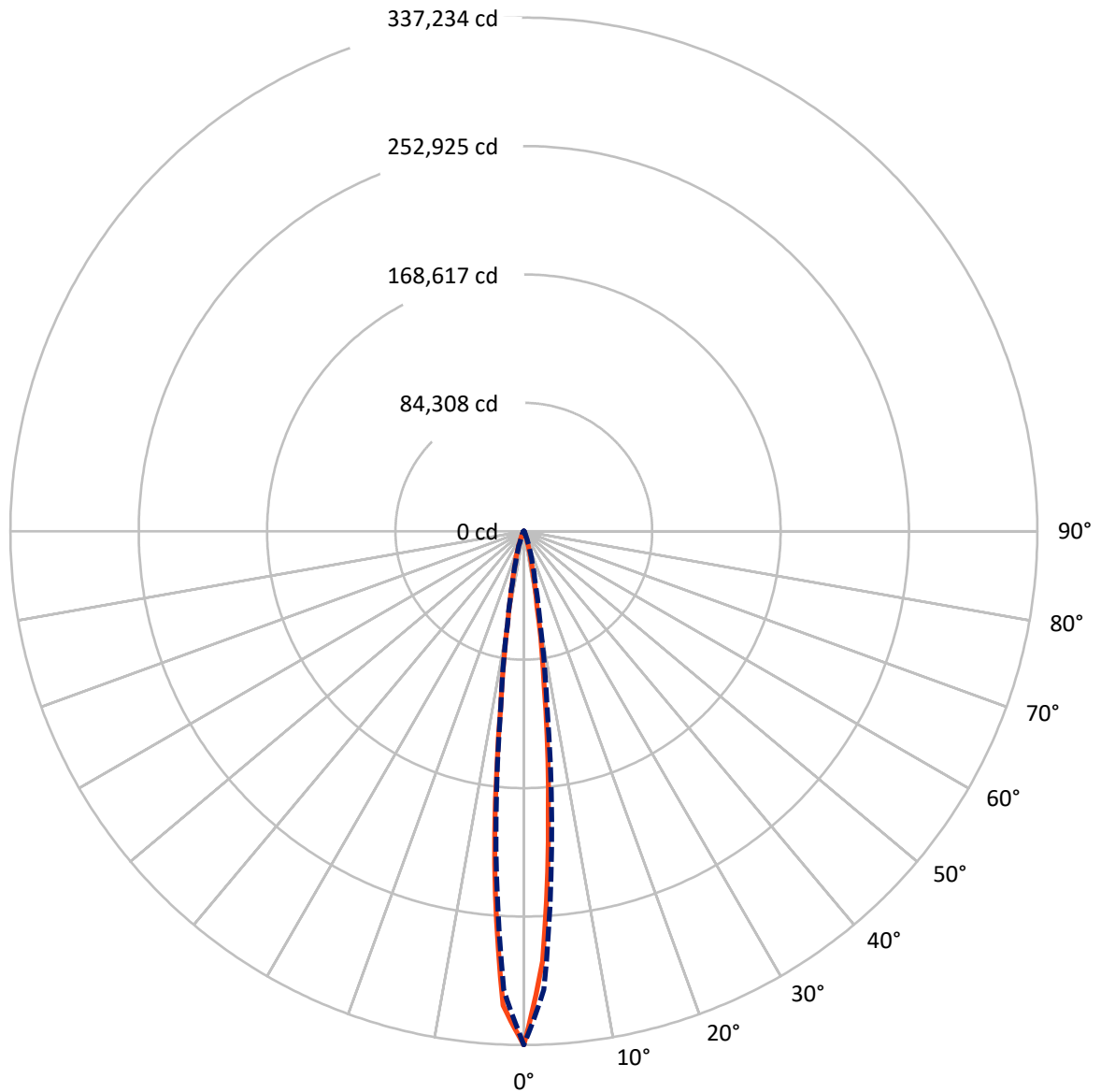
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### Lumen Table

90	0.2	1.4	1.2	0.5	0.1	0.5	1.2	1.4	0.2										
80	0.2	1.4	1.2	0.5	0.1	0.5	1.2	1.4	0.2										
70	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.0	0.0	0.2	0.2	0.2	0.2	0.3	0.2	0.2			
60		0.2	0.3	0.6	1.2	1.8	2.3	2.6	2.6	2.3	1.8	1.2	0.6	0.3	0.2				
50	0.1	0.2	0.8	1.9	3.4	4.7	6.3	7.4	7.4	6.3	4.7	3.4	1.9	0.8	0.2	0.1			
40		0.4	1.6	3.6	6.0	9.5	14.3	17.1	17.1	14.3	9.5	6.0	3.6	1.6	0.4				
30	0.2	0.7	2.5	5.2	9.5	16.3	31.4	50.7	50.7	31.4	16.3	9.5	5.2	2.5	0.7	0.2			
20		1.0	3.4	7.1	14.3	35.5	185.6	469.5	469.5	185.6	35.5	14.3	7.1	3.4	1.0				
10	0.4	1.3	4.0	8.3	17.5	72.2	597.7	3683.3	3683.3	597.7	72.2	17.5	8.3	4.0	1.3	0.4			
0		1.5	4.4	8.8	18.2	82.2	657.7	4056.3	4056.3	657.7	82.2	18.2	8.8	4.4	1.5				
-10	0.5	1.6	4.6	8.7	17.1	49.3	295.2	711.4	711.4	295.2	49.3	17.1	8.7	4.6	1.6	0.5			
-20		1.6	4.5	8.3	14.5	25.1	61.0	114.6	114.6	61.0	25.1	14.5	8.3	4.5	1.6				
-30	0.5	1.5	4.2	7.7	12.0	17.8	25.2	29.6	29.6	25.2	17.8	12.0	7.7	4.2	1.5	0.5			
-40		1.3	3.6	6.9	10.5	13.8	17.5	19.5	19.5	17.5	13.8	10.5	6.9	3.6	1.3				
-50	0.4	1.0	2.9	5.8	9.2	12.1	14.9	16.2	16.2	14.9	12.1	9.2	5.8	2.9	1.0	0.4			
-60		0.8	2.1	4.3	7.0	9.7	12.2	13.5	13.5	12.2	9.7	7.0	4.3	2.1	0.8				
-70	0.2	3.2	8.8	16.3	19.6	16.3	8.8	3.2	0.2							0.2			
-80		3.2	8.8	16.3	19.6	16.3	8.8	3.2	0.2										
-90	0.2	3.2	8.8	16.3	19.6	16.3	8.8	3.2	0.2							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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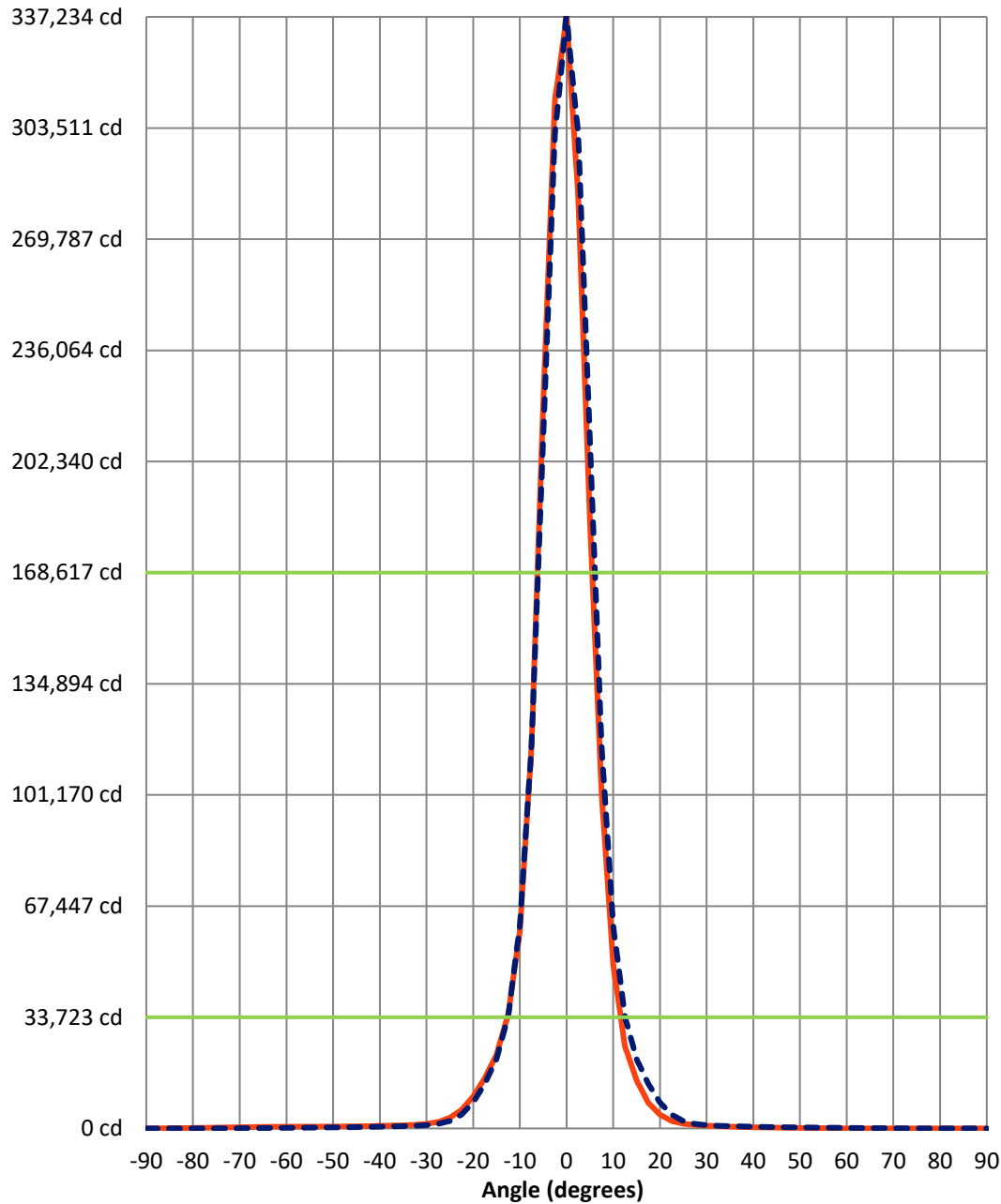
### Luminous Intensity Polar Plot



— 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: 7369.4  
 Efficiency: 31.3%

**Field:**  
 H Angle: 25.1°  
 V Angle: 24.3°  
 Lumens: 16768  
 Efficiency: 71.2%

**Spill:**  
 Lumens: 6787.9  
 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	4.2	4.2
85°	0.0	0.0	0.0	0.0	4.2	4.2	4.2	4.2	4.2	8.4	8.4
82.5°	0.0	0.0	0.0	0.0	4.2	4.2	4.2	4.2	8.4	8.4	8.4
80°	0.0	0.0	0.0	0.0	4.2	4.2	4.2	4.2	8.4	8.4	8.4
77.5°	0.0	0.0	0.0	0.0	4.2	4.2	4.2	4.2	4.2	4.2	8.4
75°	0.0	0.0	0.0	0.0	4.2	4.2	4.2	4.2	4.2	4.2	4.2
72.5°	0.0	0.0	0.0	0.0	4.2	4.2	4.2	4.2	4.2	4.2	4.2
70°	0.0	0.0	0.0	0.0	4.2	4.2	4.2	4.2	4.2	4.2	4.2
67.5°	0.0	0.0	0.0	0.0	4.2	4.2	4.2	4.2	4.2	4.2	4.2
65°	0.0	0.0	0.0	0.0	4.2	4.2	4.2	4.2	4.2	4.2	4.2
62.5°	0.0	0.0	0.0	0.0	4.2	4.2	4.2	4.2	4.2	4.2	4.2
60°	8.4	8.4	8.4	8.4	12.7	12.7	16.9	16.9	16.9	8.4	16.9
57.5°	67.5	67.5	63.3	59.1	54.9	50.6	50.6	50.6	50.6	50.6	42.2
55°	92.8	92.8	92.8	88.6	88.6	84.4	80.2	76.0	76.0	71.7	67.5
52.5°	109.7	109.7	109.7	109.7	105.5	105.5	105.5	101.3	92.8	92.8	88.6
50°	156.1	151.9	151.9	151.9	151.9	143.5	139.3	130.8	126.6	122.4	118.2
47.5°	202.6	202.6	198.3	198.3	194.1	185.7	177.2	168.8	160.4	156.1	147.7
45°	240.5	240.5	236.3	236.3	232.1	223.7	211.0	198.3	189.9	181.5	173.0
42.5°	295.4	291.2	287.0	282.7	274.3	261.6	244.8	227.9	215.2	202.6	194.1
40°	354.5	354.5	350.3	346.0	333.4	320.7	299.6	278.5	257.4	232.1	219.4
37.5°	426.2	430.5	434.7	434.7	426.2	409.4	379.8	354.5	320.7	287.0	270.1
35°	557.1	557.1	565.5	565.5	552.8	531.7	510.6	455.8	413.6	371.4	333.4
32.5°	700.5	704.8	687.9	675.2	658.3	633.0	595.0	548.6	502.2	447.3	405.1
30°	839.8	839.8	818.7	793.4	759.6	717.4	671.0	620.4	565.5	510.6	460.0
27.5°	1059.2	1038.1	1021.3	979.1	920.0	839.8	780.7	700.5	628.8	565.5	510.6
25°	1422.2	1418.0	1380.0	1308.2	1190.1	1063.5	966.4	831.4	721.6	624.6	561.3
22.5°	2262.0	2232.4	2143.8	1966.6	1688.0	1468.6	1270.3	1059.2	860.9	730.1	628.8
20°	4182.1	4085.1	3848.7	3359.2	2734.6	2304.2	1810.4	1455.9	1122.6	877.8	725.9
17.5°	7803.0	7739.7	7651.1	6520.1	5249.8	4338.3	3228.4	2232.4	1595.2	1147.9	860.9
15°	14626.9	14158.5	13179.4	11824.8	10048.1	7765.0	5709.8	3604.0	2278.9	1527.7	1093.0
12.5°	25004.2	24485.1	21957.3	18568.5	15373.9	12124.4	8512.0	5477.7	3245.3	1941.3	1295.6
10°	49822.7	46054.2	38977.0	29089.3	22704.2	16931.1	11951.4	7473.8	4224.3	2451.9	1536.1
7.5°	102046.7	89732.4	69146.6	48814.1	31596.0	22206.3	15264.2	9773.8	5629.6	3068.0	1755.6
5°	184955.1	163107.6	122881.4	73991.3	45881.1	27831.7	18112.7	11622.2	6663.6	3570.2	1975.0
2.5°	282414.6	254152.4	177654.3	101742.8	56574.9	32186.8	20104.6	12837.6	7321.9	3912.0	2143.8
0°	337233.9	301236.3	209216.6	116483.7	61668.6	34035.3	21079.5	13567.7	7879.0	4190.6	2253.5
-2.5°	311520.7	282541.2	192272.8	108203.8	58929.7	33225.0	21218.8	13749.1	7971.8	4266.5	2304.2
-5°	219560.1	195775.5	133039.2	79848.9	50000.0	30604.3	20020.2	13065.5	7714.4	4156.8	2283.1
-7.5°	116158.8	105397.5	78899.3	57376.7	36495.6	25903.1	18024.1	11854.3	7047.6	3861.4	2156.5
-10°	60014.3	57807.2	49814.3	37550.6	29532.4	21699.8	15382.3	10136.7	5891.3	3325.5	1941.3
-12.5°	34600.8	34225.2	31655.1	27173.3	22645.2	17825.8	12622.4	8267.2	4916.4	2755.7	1637.4
-15°	22404.6	22565.0	21670.3	19805.0	17226.5	13339.8	9697.8	6148.7	3637.7	2232.4	1443.3
-17.5°	15289.5	15247.3	14829.5	13550.8	11474.5	9010.0	6427.2	4342.5	2755.7	1738.7	1198.5
-20°	9672.5	9689.4	9301.1	8419.1	6891.5	5553.7	4000.7	2928.8	1953.9	1367.3	1059.2



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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°	5612.8	5625.4	5380.7	4882.7	4080.9	3291.7	2599.6	1937.0	1439.1	1139.4	928.4
-25°	3224.2	3173.5	3076.5	2835.9	2460.3	2029.9	1726.0	1363.1	1152.1	966.4	848.2
-27.5°	1953.9	1920.2	1869.5	1764.0	1616.3	1401.1	1261.8	1101.5	979.1	869.3	797.6
-30°	1363.1	1375.8	1333.6	1278.7	1211.2	1114.1	1038.1	962.2	882.0	814.5	747.0
-32.5°	1084.6	1093.0	1071.9	1050.8	1017.0	979.1	932.6	877.8	814.5	751.2	687.9
-35°	932.6	936.9	936.9	932.6	924.2	894.7	860.9	810.3	751.2	692.1	637.2
-37.5°	856.7	860.9	860.9	856.7	844.0	818.7	784.9	742.7	687.9	633.0	590.8
-40°	776.5	780.7	776.5	768.1	755.4	730.1	704.8	671.0	628.8	582.4	544.4
-42.5°	700.5	696.3	692.1	683.7	671.0	654.1	633.0	607.7	578.2	544.4	514.9
-45°	628.8	628.8	624.6	620.4	611.9	599.3	586.6	565.5	544.4	519.1	493.8
-47.5°	590.8	590.8	586.6	582.4	578.2	569.7	557.1	540.2	523.3	502.2	481.1
-50°	565.5	565.5	565.5	561.3	557.1	548.6	536.0	523.3	506.4	485.3	464.2
-52.5°	548.6	548.6	548.6	544.4	540.2	536.0	523.3	506.4	485.3	468.4	451.6
-55°	540.2	536.0	536.0	531.7	527.5	523.3	506.4	489.5	472.7	455.8	438.9
-57.5°	527.5	523.3	523.3	519.1	514.9	510.6	493.8	476.9	460.0	438.9	426.2
-60°	514.9	510.6	510.6	502.2	498.0	493.8	476.9	460.0	443.1	426.2	409.4
-62.5°	498.0	493.8	489.5	485.3	476.9	468.4	455.8	438.9	417.8	400.9	384.0
-65°	460.0	455.8	451.6	447.3	443.1	438.9	426.2	405.1	388.3	371.4	354.5
-67.5°	413.6	413.6	413.6	405.1	400.9	392.5	384.0	367.2	350.3	333.4	320.7
-70°	358.7	358.7	358.7	350.3	346.0	341.8	329.2	316.5	303.8	291.2	274.3
-72.5°	303.8	299.6	299.6	295.4	287.0	282.7	274.3	265.9	253.2	244.8	232.1
-75°	249.0	244.8	244.8	240.5	236.3	232.1	223.7	219.4	211.0	202.6	189.9
-77.5°	198.3	198.3	198.3	194.1	189.9	185.7	181.5	177.2	173.0	164.6	156.1
-80°	151.9	151.9	151.9	151.9	151.9	151.9	151.9	147.7	139.3	135.0	130.8
-82.5°	109.7	113.9	113.9	113.9	113.9	113.9	113.9	113.9	109.7	105.5	101.3
-85°	71.7	76.0	76.0	80.2	84.4	84.4	88.6	84.4	80.2	71.7	67.5
-87.5°	38.0	38.0	38.0	38.0	38.0	38.0	38.0	33.8	33.8	33.8	29.5
-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°	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	8.4	8.4	8.4
85°	8.4	8.4	8.4	8.4	12.7	12.7	12.7	16.9	16.9	16.9	16.9
82.5°	8.4	12.7	12.7	12.7	16.9	16.9	21.1	25.3	33.8	38.0	38.0
80°	8.4	12.7	12.7	12.7	16.9	16.9	21.1	21.1	25.3	29.5	38.0
77.5°	8.4	8.4	12.7	12.7	12.7	16.9	16.9	21.1	21.1	25.3	29.5
75°	4.2	8.4	8.4	8.4	12.7	12.7	16.9	16.9	21.1	21.1	25.3
72.5°	4.2	8.4	8.4	8.4	12.7	12.7	16.9	16.9	16.9	21.1	21.1
70°	4.2	8.4	8.4	8.4	8.4	12.7	12.7	12.7	16.9	16.9	16.9
67.5°	4.2	4.2	4.2	8.4	8.4	8.4	8.4	12.7	12.7	12.7	16.9
65°	4.2	4.2	4.2	4.2	8.4	8.4	8.4	8.4	12.7	12.7	12.7
62.5°	4.2	4.2	4.2	8.4	8.4	8.4	8.4	8.4	12.7	12.7	12.7
60°	16.9	16.9	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7
57.5°	38.0	38.0	33.8	29.5	25.3	25.3	21.1	16.9	16.9	12.7	12.7
55°	63.3	59.1	54.9	46.4	42.2	38.0	33.8	25.3	21.1	16.9	12.7
52.5°	80.2	76.0	71.7	67.5	59.1	50.6	46.4	42.2	33.8	25.3	21.1
50°	118.2	105.5	97.1	88.6	80.2	71.7	63.3	59.1	46.4	38.0	29.5
47.5°	143.5	135.0	122.4	113.9	105.5	92.8	80.2	71.7	63.3	50.6	38.0
45°	164.6	156.1	143.5	135.0	126.6	113.9	101.3	88.6	80.2	67.5	50.6
42.5°	185.7	177.2	164.6	156.1	143.5	130.8	118.2	105.5	92.8	84.4	67.5
40°	215.2	202.6	185.7	177.2	168.8	151.9	135.0	122.4	109.7	97.1	80.2
37.5°	253.2	240.5	219.4	202.6	189.9	177.2	160.4	143.5	130.8	113.9	97.1
35°	312.3	291.2	261.6	236.3	219.4	202.6	181.5	164.6	147.7	130.8	113.9
32.5°	371.4	337.6	299.6	270.1	244.8	223.7	202.6	185.7	164.6	143.5	126.6
30°	417.8	379.8	341.8	299.6	270.1	244.8	223.7	202.6	181.5	160.4	139.3
27.5°	464.2	422.0	379.8	337.6	295.4	261.6	240.5	219.4	198.3	177.2	151.9
25°	510.6	464.2	422.0	375.6	324.9	287.0	257.4	240.5	219.4	194.1	164.6
22.5°	552.8	510.6	468.4	417.8	358.7	308.1	278.5	257.4	236.3	206.8	181.5
20°	633.0	578.2	527.5	464.2	396.7	346.0	308.1	278.5	253.2	223.7	194.1
17.5°	738.5	658.3	590.8	519.1	451.6	388.3	333.4	299.6	274.3	240.5	206.8
15°	873.6	734.3	649.9	578.2	498.0	426.2	367.2	320.7	287.0	253.2	223.7
12.5°	974.8	793.4	700.5	633.0	548.6	468.4	392.5	337.6	299.6	265.9	232.1
10°	1088.8	856.7	742.7	666.8	578.2	489.5	409.4	350.3	308.1	278.5	244.8
7.5°	1181.6	907.3	763.8	679.4	595.0	506.4	426.2	362.9	320.7	287.0	253.2
5°	1266.0	949.5	780.7	683.7	603.5	519.1	434.7	371.4	329.2	295.4	261.6
2.5°	1325.1	987.5	797.6	692.1	611.9	527.5	447.3	379.8	337.6	303.8	270.1
0°	1375.8	1000.2	793.4	692.1	616.1	527.5	451.6	384.0	341.8	308.1	274.3
-2.5°	1392.6	1021.3	814.5	700.5	624.6	536.0	460.0	388.3	346.0	312.3	282.7
-5°	1392.6	1004.4	814.5	709.0	628.8	540.2	460.0	392.5	350.3	316.5	282.7
-7.5°	1342.0	979.1	810.3	717.4	633.0	544.4	460.0	396.7	354.5	320.7	287.0
-10°	1253.4	941.1	806.0	721.6	633.0	540.2	460.0	396.7	354.5	320.7	291.2
-12.5°	1109.9	890.4	784.9	713.2	624.6	531.7	455.8	396.7	354.5	324.9	291.2
-15°	1038.1	848.2	759.6	687.9	603.5	519.1	447.3	392.5	354.5	324.9	295.4
-17.5°	941.1	814.5	734.3	662.6	586.6	506.4	438.9	392.5	354.5	320.7	295.4
-20°	873.6	776.5	704.8	641.5	565.5	493.8	434.7	388.3	354.5	320.7	295.4



REPORT NUMBER: P724035  
 CATALOG NUMBER: IFLD-L-SA8A-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°	814.5	734.3	671.0	607.7	540.2	476.9	426.2	384.0	350.3	320.7	295.4
-25°	768.1	696.3	637.2	578.2	519.1	464.2	417.8	379.8	346.0	320.7	291.2
-27.5°	725.9	658.3	603.5	548.6	493.8	451.6	409.4	375.6	346.0	316.5	287.0
-30°	679.4	624.6	569.7	519.1	481.1	438.9	400.9	367.2	341.8	312.3	282.7
-32.5°	633.0	582.4	536.0	498.0	464.2	430.5	396.7	362.9	333.4	303.8	274.3
-35°	590.8	544.4	510.6	476.9	451.6	422.0	388.3	354.5	329.2	299.6	274.3
-37.5°	548.6	514.9	485.3	460.0	434.7	409.4	375.6	346.0	320.7	291.2	261.6
-40°	514.9	489.5	468.4	447.3	422.0	392.5	367.2	337.6	312.3	282.7	249.0
-42.5°	493.8	472.7	451.6	430.5	409.4	384.0	358.7	329.2	303.8	274.3	240.5
-45°	472.7	455.8	438.9	422.0	400.9	375.6	346.0	316.5	291.2	261.6	236.3
-47.5°	460.0	443.1	426.2	413.6	396.7	362.9	337.6	308.1	278.5	253.2	223.7
-50°	447.3	430.5	417.8	400.9	379.8	350.3	324.9	295.4	270.1	240.5	215.2
-52.5°	434.7	417.8	400.9	384.0	362.9	337.6	312.3	287.0	257.4	227.9	202.6
-55°	422.0	405.1	388.3	371.4	350.3	329.2	303.8	270.1	240.5	211.0	185.7
-57.5°	409.4	396.7	375.6	354.5	333.4	312.3	282.7	253.2	223.7	194.1	173.0
-60°	392.5	375.6	358.7	333.4	312.3	287.0	261.6	236.3	206.8	181.5	160.4
-62.5°	367.2	350.3	333.4	308.1	287.0	265.9	244.8	215.2	194.1	168.8	147.7
-65°	337.6	320.7	303.8	282.7	261.6	240.5	223.7	198.3	177.2	156.1	139.3
-67.5°	303.8	287.0	274.3	253.2	236.3	215.2	198.3	177.2	156.1	139.3	122.4
-70°	261.6	249.0	236.3	219.4	202.6	185.7	168.8	151.9	135.0	122.4	105.5
-72.5°	223.7	211.0	198.3	185.7	173.0	156.1	143.5	130.8	118.2	105.5	97.1
-75°	181.5	173.0	164.6	156.1	143.5	130.8	122.4	109.7	101.3	92.8	88.6
-77.5°	151.9	143.5	135.0	126.6	118.2	109.7	101.3	92.8	88.6	84.4	80.2
-80°	122.4	118.2	113.9	105.5	101.3	92.8	88.6	80.2	80.2	80.2	80.2
-82.5°	97.1	92.8	88.6	84.4	80.2	76.0	76.0	71.7	76.0	76.0	71.7
-85°	67.5	63.3	59.1	59.1	54.9	54.9	50.6	50.6	50.6	46.4	46.4
-87.5°	29.5	29.5	29.5	29.5	25.3	25.3	25.3	25.3	25.3	21.1	21.1
-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: P724035  
 CATALOG NUMBER: IFLD-L-SA8A-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°	8.4	8.4	4.2	4.2	4.2	4.2	4.2	4.2	4.2	0.0	0.0
85°	16.9	16.9	12.7	12.7	12.7	8.4	8.4	4.2	4.2	4.2	4.2
82.5°	38.0	33.8	29.5	25.3	21.1	16.9	12.7	8.4	8.4	4.2	4.2
80°	46.4	46.4	46.4	42.2	33.8	25.3	16.9	12.7	8.4	4.2	4.2
77.5°	33.8	33.8	38.0	42.2	42.2	33.8	21.1	12.7	8.4	8.4	4.2
75°	25.3	25.3	25.3	29.5	33.8	33.8	25.3	16.9	8.4	8.4	4.2
72.5°	25.3	25.3	25.3	25.3	25.3	25.3	25.3	16.9	12.7	8.4	8.4
70°	21.1	21.1	21.1	21.1	21.1	21.1	21.1	16.9	12.7	8.4	8.4
67.5°	16.9	16.9	21.1	21.1	21.1	16.9	16.9	16.9	12.7	8.4	8.4
65°	12.7	16.9	16.9	21.1	16.9	16.9	16.9	12.7	12.7	8.4	8.4
62.5°	12.7	12.7	16.9	16.9	16.9	16.9	12.7	12.7	12.7	8.4	8.4
60°	12.7	12.7	12.7	16.9	12.7	12.7	12.7	12.7	12.7	8.4	8.4
57.5°	12.7	12.7	12.7	12.7	12.7	12.7	12.7	8.4	8.4	8.4	8.4
55°	12.7	12.7	12.7	12.7	12.7	12.7	8.4	8.4	8.4	8.4	8.4
52.5°	16.9	12.7	12.7	12.7	12.7	12.7	8.4	8.4	8.4	8.4	8.4
50°	21.1	12.7	12.7	12.7	12.7	8.4	8.4	8.4	8.4	8.4	8.4
47.5°	29.5	21.1	16.9	12.7	12.7	8.4	8.4	8.4	8.4	8.4	4.2
45°	42.2	29.5	21.1	16.9	12.7	8.4	8.4	8.4	8.4	8.4	4.2
42.5°	50.6	38.0	25.3	21.1	16.9	12.7	8.4	8.4	8.4	4.2	4.2
40°	63.3	50.6	33.8	25.3	16.9	12.7	8.4	8.4	8.4	4.2	4.2
37.5°	80.2	63.3	42.2	29.5	21.1	12.7	12.7	8.4	8.4	4.2	4.2
35°	92.8	71.7	54.9	33.8	25.3	16.9	12.7	8.4	8.4	4.2	4.2
32.5°	105.5	84.4	67.5	42.2	29.5	21.1	16.9	8.4	8.4	4.2	4.2
30°	118.2	97.1	76.0	54.9	38.0	25.3	16.9	8.4	8.4	4.2	4.2
27.5°	130.8	105.5	84.4	63.3	42.2	29.5	21.1	12.7	8.4	4.2	4.2
25°	143.5	118.2	92.8	71.7	46.4	33.8	21.1	12.7	8.4	8.4	4.2
22.5°	151.9	130.8	105.5	80.2	54.9	38.0	25.3	16.9	8.4	8.4	4.2
20°	164.6	143.5	113.9	88.6	63.3	42.2	25.3	16.9	8.4	8.4	4.2
17.5°	177.2	151.9	122.4	97.1	71.7	46.4	29.5	21.1	8.4	8.4	4.2
15°	189.9	160.4	130.8	101.3	76.0	50.6	29.5	21.1	8.4	8.4	4.2
12.5°	202.6	173.0	139.3	109.7	80.2	54.9	33.8	25.3	12.7	8.4	4.2
10°	211.0	181.5	147.7	113.9	84.4	63.3	38.0	25.3	12.7	8.4	4.2
7.5°	223.7	189.9	156.1	122.4	88.6	67.5	42.2	25.3	12.7	8.4	4.2
5°	227.9	198.3	160.4	130.8	92.8	71.7	46.4	29.5	12.7	8.4	4.2
2.5°	232.1	206.8	164.6	135.0	97.1	71.7	46.4	29.5	16.9	8.4	4.2
0°	236.3	211.0	168.8	139.3	101.3	76.0	50.6	29.5	16.9	8.4	4.2
-2.5°	240.5	215.2	177.2	143.5	105.5	80.2	54.9	29.5	16.9	8.4	4.2
-5°	244.8	215.2	185.7	147.7	109.7	80.2	54.9	33.8	21.1	8.4	4.2
-7.5°	249.0	219.4	189.9	151.9	113.9	80.2	59.1	33.8	21.1	12.7	4.2
-10°	253.2	223.7	194.1	156.1	113.9	84.4	59.1	33.8	21.1	12.7	4.2
-12.5°	257.4	227.9	194.1	156.1	118.2	84.4	59.1	38.0	21.1	12.7	4.2
-15°	261.6	227.9	194.1	156.1	118.2	88.6	63.3	38.0	21.1	12.7	8.4
-17.5°	261.6	227.9	194.1	160.4	118.2	88.6	63.3	38.0	21.1	12.7	8.4
-20°	261.6	227.9	194.1	160.4	118.2	88.6	63.3	38.0	21.1	12.7	8.4



REPORT NUMBER: P724035  
 CATALOG NUMBER: IFLD-L-SA8A-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°	257.4	223.7	194.1	156.1	118.2	88.6	63.3	38.0	25.3	12.7	8.4
-25°	257.4	223.7	194.1	156.1	118.2	88.6	59.1	38.0	25.3	12.7	8.4
-27.5°	253.2	223.7	189.9	151.9	113.9	84.4	59.1	38.0	25.3	12.7	8.4
-30°	249.0	219.4	185.7	147.7	113.9	84.4	59.1	38.0	25.3	12.7	8.4
-32.5°	244.8	211.0	181.5	143.5	109.7	80.2	59.1	38.0	25.3	12.7	8.4
-35°	236.3	206.8	173.0	139.3	105.5	80.2	54.9	38.0	25.3	16.9	8.4
-37.5°	227.9	198.3	168.8	135.0	101.3	76.0	54.9	38.0	25.3	16.9	8.4
-40°	219.4	194.1	160.4	126.6	97.1	71.7	54.9	38.0	25.3	16.9	12.7
-42.5°	211.0	185.7	156.1	122.4	97.1	71.7	50.6	38.0	25.3	16.9	12.7
-45°	206.8	181.5	147.7	118.2	92.8	71.7	50.6	33.8	25.3	16.9	12.7
-47.5°	198.3	168.8	139.3	113.9	88.6	67.5	46.4	33.8	25.3	16.9	12.7
-50°	185.7	160.4	135.0	109.7	84.4	63.3	46.4	33.8	25.3	16.9	12.7
-52.5°	173.0	147.7	126.6	101.3	80.2	63.3	46.4	33.8	25.3	16.9	12.7
-55°	160.4	139.3	118.2	97.1	76.0	59.1	42.2	33.8	25.3	16.9	12.7
-57.5°	151.9	130.8	109.7	88.6	71.7	54.9	42.2	29.5	21.1	16.9	12.7
-60°	143.5	122.4	101.3	84.4	67.5	54.9	42.2	29.5	21.1	16.9	8.4
-62.5°	130.8	113.9	92.8	80.2	63.3	50.6	38.0	29.5	21.1	16.9	8.4
-65°	118.2	101.3	84.4	71.7	59.1	46.4	38.0	29.5	21.1	16.9	8.4
-67.5°	105.5	92.8	80.2	67.5	54.9	46.4	38.0	29.5	21.1	12.7	8.4
-70°	97.1	84.4	71.7	63.3	54.9	42.2	38.0	29.5	21.1	12.7	8.4
-72.5°	84.4	76.0	67.5	59.1	50.6	46.4	38.0	29.5	16.9	12.7	8.4
-75°	80.2	71.7	63.3	59.1	54.9	46.4	38.0	25.3	16.9	12.7	8.4
-77.5°	80.2	71.7	67.5	63.3	54.9	46.4	33.8	21.1	12.7	12.7	8.4
-80°	80.2	76.0	71.7	59.1	50.6	38.0	25.3	21.1	12.7	8.4	4.2
-82.5°	71.7	59.1	50.6	42.2	38.0	29.5	21.1	16.9	8.4	8.4	4.2
-85°	46.4	38.0	33.8	29.5	25.3	21.1	12.7	8.4	8.4	4.2	4.2
-87.5°	21.1	21.1	16.9	12.7	12.7	8.4	8.4	4.2	4.2	4.2	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: P724035  
 CATALOG NUMBER: IFLD-L-SA8A-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°	4.2	0.0	0.0	0.0
77.5°	4.2	0.0	0.0	0.0
75°	4.2	4.2	0.0	0.0
72.5°	4.2	4.2	0.0	0.0
70°	4.2	4.2	0.0	0.0
67.5°	4.2	4.2	0.0	0.0
65°	4.2	4.2	0.0	0.0
62.5°	4.2	4.2	0.0	0.0
60°	4.2	4.2	0.0	0.0
57.5°	4.2	4.2	4.2	0.0
55°	4.2	4.2	4.2	0.0
52.5°	4.2	4.2	4.2	0.0
50°	4.2	4.2	4.2	0.0
47.5°	4.2	4.2	4.2	0.0
45°	4.2	4.2	4.2	0.0
42.5°	4.2	4.2	4.2	0.0
40°	4.2	4.2	4.2	0.0
37.5°	4.2	4.2	4.2	0.0
35°	4.2	4.2	4.2	0.0
32.5°	4.2	4.2	4.2	0.0
30°	4.2	4.2	4.2	0.0
27.5°	4.2	4.2	4.2	0.0
25°	4.2	4.2	4.2	0.0
22.5°	4.2	4.2	4.2	0.0
20°	4.2	4.2	4.2	0.0
17.5°	4.2	4.2	4.2	0.0
15°	4.2	4.2	4.2	0.0
12.5°	4.2	4.2	4.2	0.0
10°	4.2	4.2	4.2	0.0
7.5°	4.2	4.2	4.2	0.0
5°	4.2	4.2	4.2	0.0
2.5°	4.2	4.2	4.2	0.0
0°	4.2	4.2	4.2	0.0
-2.5°	4.2	4.2	4.2	0.0
-5°	4.2	4.2	4.2	0.0
-7.5°	4.2	4.2	4.2	0.0
-10°	4.2	4.2	4.2	0.0
-12.5°	4.2	4.2	4.2	0.0
-15°	4.2	4.2	4.2	0.0
-17.5°	4.2	4.2	4.2	0.0
-20°	4.2	4.2	4.2	0.0



REPORT NUMBER: P724035  
CATALOG NUMBER: IFLD-L-SA8A-722-U-22-VI

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
-22.5°	4.2	4.2	4.2	0.0
-25°	4.2	4.2	4.2	0.0
-27.5°	4.2	4.2	4.2	0.0
-30°	4.2	4.2	4.2	0.0
-32.5°	4.2	4.2	4.2	0.0
-35°	4.2	4.2	4.2	0.0
-37.5°	4.2	4.2	4.2	0.0
-40°	4.2	4.2	4.2	0.0
-42.5°	4.2	4.2	4.2	0.0
-45°	4.2	4.2	4.2	0.0
-47.5°	4.2	4.2	4.2	0.0
-50°	4.2	4.2	4.2	0.0
-52.5°	4.2	4.2	4.2	0.0
-55°	4.2	4.2	4.2	0.0
-57.5°	4.2	4.2	4.2	0.0
-60°	4.2	4.2	0.0	0.0
-62.5°	4.2	4.2	0.0	0.0
-65°	4.2	4.2	0.0	0.0
-67.5°	4.2	4.2	0.0	0.0
-70°	4.2	4.2	0.0	0.0
-72.5°	4.2	4.2	0.0	0.0
-75°	4.2	4.2	0.0	0.0
-77.5°	4.2	0.0	0.0	0.0
-80°	4.2	0.0	0.0	0.0
-82.5°	4.2	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)