

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: P724113

Luminaire Tested: **IFLD-M-SA4B-735-U-22-VI**

Issue Date: 01/11/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P724113  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 01/11/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-M-SA4B-735-U-22-VI  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 2 distribution lens and Visor  
Light Source: (64) 3500K CCT, 70 CRI LEDs  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

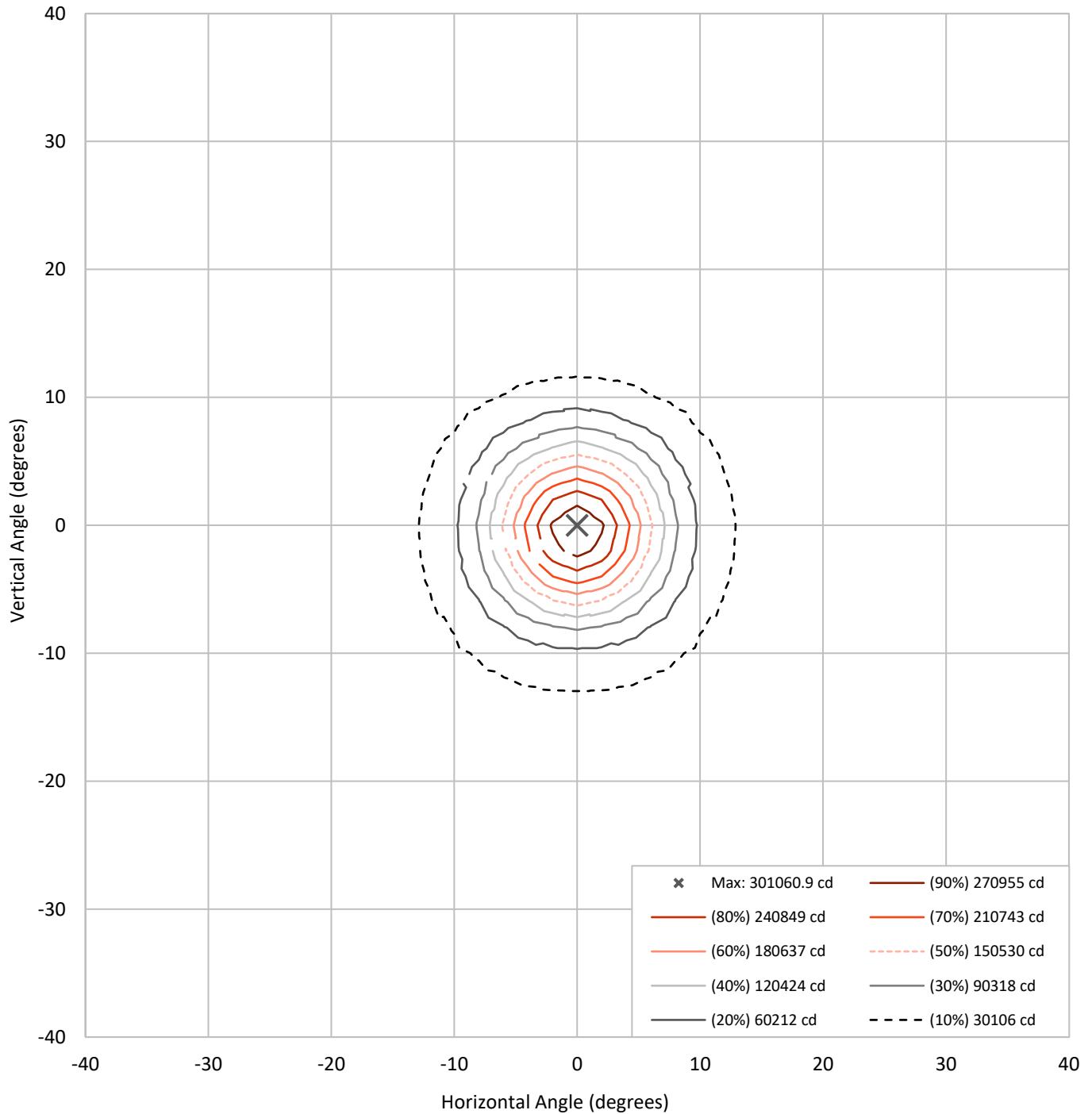
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	21029.2 lumens	Max Intensity:	301060.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	126.6 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 0.5' x H: 0')		
Beam Angle (50%):	12.2°H x 11.7°V	Field Angle (10%):	25.1°H x 24.3°V
Beam Lumens:	6578.9 lumens	Field Lumens:	14969.4 lumens
Beam Efficiency:	31.3%	Field Efficiency:	71.2%

Input Watts (W): 166.1  
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





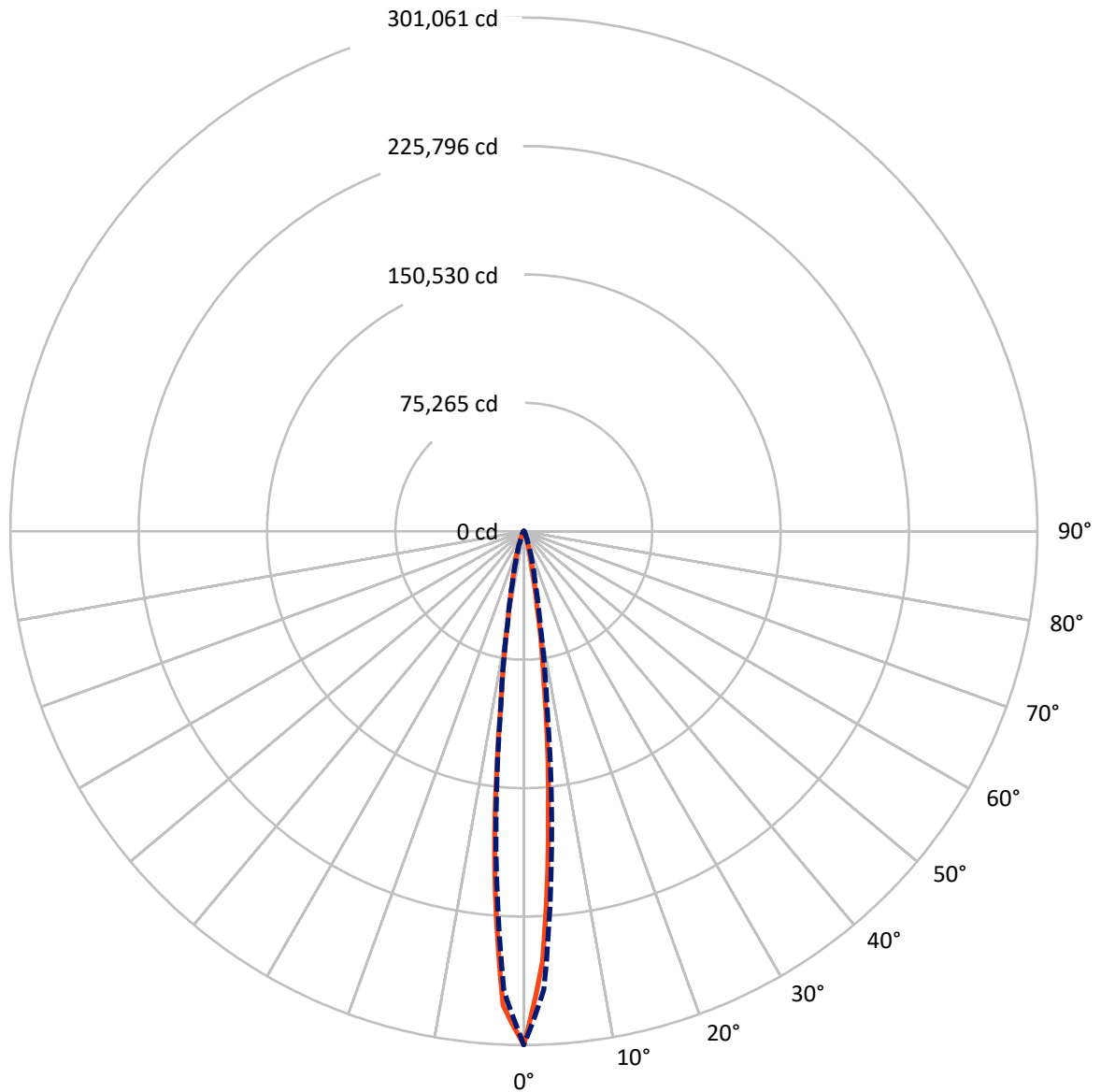
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### Lumen Table

90	0.1	1.3		1.1		0.5		0.0		0.5		1.1		1.3		0.1
80	0.1	1.3		1.1		0.5		0.0		0.5		1.1		1.3		0.1
70	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.2
60		0.1	0.2	0.6	1.1	1.6	2.0	2.3	2.3	2.0	1.6	1.1	0.6	0.2	0.1	
50	0.1	0.2	0.7	1.7	3.0	4.2	5.6	6.6	6.6	5.6	4.2	3.0	1.7	0.7	0.2	0.1
40		0.3	1.5	3.2	5.4	8.5	12.8	15.3	15.3	12.8	8.5	5.4	3.2	1.5	0.3	
30	0.2	0.6	2.3	4.6	8.4	14.5	28.0	45.3	45.3	28.0	14.5	8.4	4.6	2.3	0.6	0.2
20		0.9	3.0	6.3	12.8	31.7	165.7	419.2	419.2	165.7	31.7	12.8	6.3	3.0	0.9	
10	0.3	1.2	3.6	7.4	15.6	64.4	533.6	3288.2	3288.2	533.6	64.4	15.6	7.4	3.6	1.2	0.3
0		1.4	3.9	7.9	16.3	73.4	587.2	3621.2	3621.2	587.2	73.4	16.3	7.9	3.9	1.4	
-10	0.4	1.5	4.1	7.8	15.3	44.0	263.5	635.1	635.1	263.5	44.0	15.3	7.8	4.1	1.5	0.4
-20		1.4	4.0	7.4	12.9	22.4	54.5	102.3	102.3	54.5	22.4	12.9	7.4	4.0	1.4	
-30	0.4	1.3	3.7	6.9	10.7	15.9	22.5	26.4	26.4	22.5	15.9	10.7	6.9	3.7	1.3	0.4
-40		1.1	3.2	6.1	9.4	12.4	15.6	17.4	17.4	15.6	12.4	9.4	6.1	3.2	1.1	
-50	0.4	0.9	2.6	5.2	8.2	10.8	13.3	14.5	14.5	13.3	10.8	8.2	5.2	2.6	0.9	0.4
-60		0.7	1.9	3.8	6.3	8.6	10.9	12.1	12.1	10.9	8.6	6.3	3.8	1.9	0.7	
-70	0.4	0.9	2.6	5.2	8.2	10.8	13.3	14.5	14.5	13.3	10.8	8.2	5.2	2.6	0.9	0.4
-80		0.7	1.9	3.8	6.3	8.6	10.9	12.1	12.1	10.9	8.6	6.3	3.8	1.9	0.7	
-90	0.2	2.9		7.9		14.5		17.5		14.5		7.9		2.9		0.2

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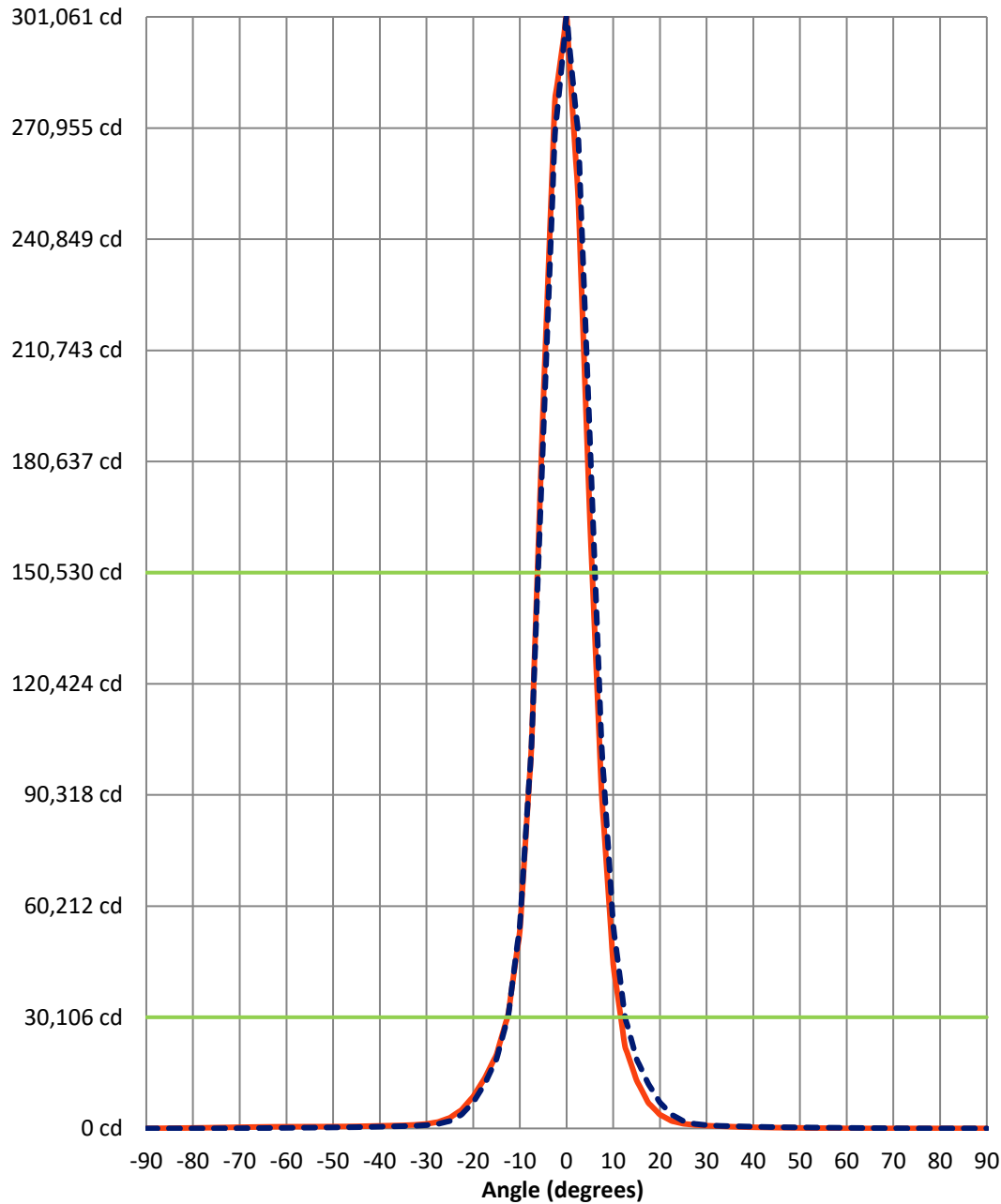
### Luminous Intensity Polar Plot



— 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: 6578.9  
Efficiency: 31.3%

**Field:**  
H Angle: 25.1°  
V Angle: 24.3°  
Lumens: 14969.4  
Efficiency: 71.2%

**Spill:**  
Lumens: 6059.8  
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	3.8	3.8
85°	0.0	0.0	0.0	0.0	3.8	3.8	3.8	3.8	3.8	7.5	7.5
82.5°	0.0	0.0	0.0	0.0	3.8	3.8	3.8	3.8	7.5	7.5	7.5
80°	0.0	0.0	0.0	0.0	3.8	3.8	3.8	3.8	7.5	7.5	7.5
77.5°	0.0	0.0	0.0	0.0	3.8	3.8	3.8	3.8	3.8	3.8	7.5
75°	0.0	0.0	0.0	0.0	3.8	3.8	3.8	3.8	3.8	3.8	3.8
72.5°	0.0	0.0	0.0	0.0	3.8	3.8	3.8	3.8	3.8	3.8	3.8
70°	0.0	0.0	0.0	0.0	3.8	3.8	3.8	3.8	3.8	3.8	3.8
67.5°	0.0	0.0	0.0	0.0	3.8	3.8	3.8	3.8	3.8	3.8	3.8
65°	0.0	0.0	0.0	0.0	3.8	3.8	3.8	3.8	3.8	3.8	3.8
62.5°	0.0	0.0	0.0	0.0	3.8	3.8	3.8	3.8	3.8	3.8	3.8
60°	7.5	7.5	7.5	7.5	11.3	11.3	15.1	15.1	15.1	7.5	15.1
57.5°	60.3	60.3	56.5	52.7	49.0	45.2	45.2	45.2	45.2	45.2	37.7
55°	82.9	82.9	82.9	79.1	79.1	75.3	71.6	67.8	67.8	64.0	60.3
52.5°	98.0	98.0	98.0	98.0	94.2	94.2	94.2	90.4	82.9	82.9	79.1
50°	139.4	135.6	135.6	135.6	135.6	128.1	124.3	116.8	113.0	109.3	105.5
47.5°	180.8	180.8	177.1	177.1	173.3	165.8	158.2	150.7	143.2	139.4	131.9
45°	214.7	214.7	211.0	211.0	207.2	199.7	188.4	177.1	169.5	162.0	154.5
42.5°	263.7	260.0	256.2	252.4	244.9	233.6	218.5	203.4	192.1	180.8	173.3
40°	316.5	316.5	312.7	308.9	297.6	286.3	267.5	248.7	229.8	207.2	195.9
37.5°	380.5	384.3	388.0	388.0	380.5	365.4	339.1	316.5	286.3	256.2	241.1
35°	497.3	497.3	504.8	504.8	493.5	474.7	455.9	406.9	369.2	331.5	297.6
32.5°	625.4	629.2	614.1	602.8	587.7	565.1	531.2	489.8	448.3	399.4	361.7
30°	749.7	749.7	730.9	708.3	678.1	640.5	599.0	553.8	504.8	455.9	410.7
27.5°	945.6	926.8	911.7	874.0	821.3	749.7	697.0	625.4	561.4	504.8	455.9
25°	1269.6	1265.9	1232.0	1167.9	1062.4	949.4	862.7	742.2	644.2	557.6	501.1
22.5°	2019.4	1993.0	1913.9	1755.6	1507.0	1311.1	1134.0	945.6	768.6	651.8	561.4
20°	3733.5	3646.9	3435.9	2998.9	2441.3	2057.0	1616.2	1299.8	1002.1	783.6	648.0
17.5°	6966.0	6909.5	6830.4	5820.7	4686.7	3872.9	2882.1	1993.0	1424.1	1024.7	768.6
15°	13058.0	12639.8	11765.8	10556.4	8970.3	6932.1	5097.4	3217.4	2034.4	1363.8	975.8
12.5°	22322.2	21858.8	19602.1	16576.8	13724.8	10823.9	7599.0	4890.2	2897.2	1733.0	1156.6
10°	44478.5	41114.2	34796.2	25969.1	20268.9	15115.0	10669.4	6672.2	3771.2	2188.9	1371.4
7.5°	91100.8	80107.4	61729.7	43578.1	28206.9	19824.3	13626.9	8725.4	5025.8	2738.9	1567.3
5°	165116.2	145612.1	109700.7	66054.8	40959.7	24846.4	16169.9	10375.6	5948.8	3187.3	1763.2
2.5°	252121.7	226891.1	158598.5	90829.5	50506.5	28734.4	17948.1	11460.6	6536.5	3492.4	1913.9
0°	301060.9	268924.6	186775.2	103989.2	55053.8	30384.5	18818.4	12112.4	7033.8	3741.1	2011.8
-2.5°	278105.8	252234.7	171648.9	96597.5	52608.7	29661.2	18942.8	12274.4	7116.7	3808.9	2057.0
-5°	196009.3	174775.9	118769.0	71284.0	44636.8	27321.6	17872.8	11664.0	6886.9	3710.9	2038.2
-7.5°	103699.1	94092.1	70436.3	51222.3	32580.9	23124.6	16090.8	10582.8	6291.6	3447.2	1925.2
-10°	53576.9	51606.6	44471.0	33522.8	26364.6	19372.2	13732.4	9049.4	5259.4	2968.8	1733.0
-12.5°	30889.3	30554.0	28259.7	24258.6	20216.2	15913.7	11268.5	7380.4	4389.1	2460.1	1461.8
-15°	20001.4	20144.6	19345.9	17680.7	15378.7	11908.9	8657.6	5489.2	3247.5	1993.0	1288.5
-17.5°	13649.5	13611.8	13238.8	12097.3	10243.7	8043.5	5737.8	3876.7	2460.1	1552.2	1070.0
-20°	8635.0	8650.1	8303.5	7516.1	6152.3	4958.0	3571.5	2614.6	1744.3	1220.7	945.6



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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°	5010.7	5022.0	4803.5	4358.9	3643.1	2938.6	2320.8	1729.3	1284.7	1017.2	828.8
-25°	2878.3	2833.1	2746.5	2531.7	2196.4	1812.1	1540.9	1216.9	1028.5	862.7	757.3
-27.5°	1744.3	1714.2	1669.0	1574.8	1442.9	1250.8	1126.5	983.3	874.0	776.1	712.0
-30°	1216.9	1228.2	1190.5	1141.5	1081.3	994.6	926.8	859.0	787.4	727.1	666.8
-32.5°	968.2	975.8	956.9	938.1	908.0	874.0	832.6	783.6	727.1	670.6	614.1
-35°	832.6	836.4	836.4	832.6	825.1	798.7	768.6	723.4	670.6	617.9	568.9
-37.5°	764.8	768.6	768.6	764.8	753.5	730.9	700.7	663.1	614.1	565.1	527.4
-40°	693.2	697.0	693.2	685.7	674.4	651.8	629.2	599.0	561.4	519.9	486.0
-42.5°	625.4	621.6	617.9	610.3	599.0	584.0	565.1	542.5	516.1	486.0	459.6
-45°	561.4	561.4	557.6	553.8	546.3	535.0	523.7	504.8	486.0	463.4	440.8
-47.5°	527.4	527.4	523.7	519.9	516.1	508.6	497.3	482.2	467.2	448.3	429.5
-50°	504.8	504.8	504.8	501.1	497.3	489.8	478.5	467.2	452.1	433.3	414.4
-52.5°	489.8	489.8	489.8	486.0	482.2	478.5	467.2	452.1	433.3	418.2	403.1
-55°	482.2	478.5	478.5	474.7	470.9	467.2	452.1	437.0	422.0	406.9	391.8
-57.5°	470.9	467.2	467.2	463.4	459.6	455.9	440.8	425.7	410.7	391.8	380.5
-60°	459.6	455.9	455.9	448.3	444.6	440.8	425.7	410.7	395.6	380.5	365.4
-62.5°	444.6	440.8	437.0	433.3	425.7	418.2	406.9	391.8	373.0	357.9	342.8
-65°	410.7	406.9	403.1	399.4	395.6	391.8	380.5	361.7	346.6	331.5	316.5
-67.5°	369.2	369.2	369.2	361.7	357.9	350.4	342.8	327.8	312.7	297.6	286.3
-70°	320.2	320.2	320.2	312.7	308.9	305.2	293.9	282.6	271.3	260.0	244.9
-72.5°	271.3	267.5	267.5	263.7	256.2	252.4	244.9	237.3	226.0	218.5	207.2
-75°	222.3	218.5	218.5	214.7	211.0	207.2	199.7	195.9	188.4	180.8	169.5
-77.5°	177.1	177.1	177.1	173.3	169.5	165.8	162.0	158.2	154.5	146.9	139.4
-80°	135.6	135.6	135.6	135.6	135.6	135.6	135.6	131.9	124.3	120.6	116.8
-82.5°	98.0	101.7	101.7	101.7	101.7	101.7	101.7	101.7	98.0	94.2	90.4
-85°	64.0	67.8	67.8	71.6	75.3	75.3	79.1	75.3	71.6	64.0	60.3
-87.5°	33.9	33.9	33.9	33.9	33.9	33.9	33.9	30.1	30.1	30.1	26.4
-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°	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	7.5	7.5	7.5
85°	7.5	7.5	7.5	7.5	11.3	11.3	11.3	15.1	15.1	15.1	15.1
82.5°	7.5	11.3	11.3	11.3	15.1	15.1	18.8	22.6	30.1	33.9	33.9
80°	7.5	11.3	11.3	11.3	15.1	15.1	18.8	18.8	22.6	26.4	33.9
77.5°	7.5	7.5	11.3	11.3	11.3	15.1	15.1	18.8	18.8	22.6	26.4
75°	3.8	7.5	7.5	7.5	11.3	11.3	15.1	15.1	18.8	18.8	22.6
72.5°	3.8	7.5	7.5	7.5	11.3	11.3	15.1	15.1	15.1	18.8	18.8
70°	3.8	7.5	7.5	7.5	7.5	11.3	11.3	11.3	15.1	15.1	15.1
67.5°	3.8	3.8	3.8	7.5	7.5	7.5	7.5	11.3	11.3	11.3	15.1
65°	3.8	3.8	3.8	3.8	7.5	7.5	7.5	7.5	11.3	11.3	11.3
62.5°	3.8	3.8	3.8	7.5	7.5	7.5	7.5	7.5	11.3	11.3	11.3
60°	15.1	15.1	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3
57.5°	33.9	33.9	30.1	26.4	22.6	22.6	18.8	15.1	15.1	11.3	11.3
55°	56.5	52.7	49.0	41.4	37.7	33.9	30.1	22.6	18.8	15.1	11.3
52.5°	71.6	67.8	64.0	60.3	52.7	45.2	41.4	37.7	30.1	22.6	18.8
50°	105.5	94.2	86.7	79.1	71.6	64.0	56.5	52.7	41.4	33.9	26.4
47.5°	128.1	120.6	109.3	101.7	94.2	82.9	71.6	64.0	56.5	45.2	33.9
45°	146.9	139.4	128.1	120.6	113.0	101.7	90.4	79.1	71.6	60.3	45.2
42.5°	165.8	158.2	146.9	139.4	128.1	116.8	105.5	94.2	82.9	75.3	60.3
40°	192.1	180.8	165.8	158.2	150.7	135.6	120.6	109.3	98.0	86.7	71.6
37.5°	226.0	214.7	195.9	180.8	169.5	158.2	143.2	128.1	116.8	101.7	86.7
35°	278.8	260.0	233.6	211.0	195.9	180.8	162.0	146.9	131.9	116.8	101.7
32.5°	331.5	301.4	267.5	241.1	218.5	199.7	180.8	165.8	146.9	128.1	113.0
30°	373.0	339.1	305.2	267.5	241.1	218.5	199.7	180.8	162.0	143.2	124.3
27.5°	414.4	376.7	339.1	301.4	263.7	233.6	214.7	195.9	177.1	158.2	135.6
25°	455.9	414.4	376.7	335.3	290.1	256.2	229.8	214.7	195.9	173.3	146.9
22.5°	493.5	455.9	418.2	373.0	320.2	275.0	248.7	229.8	211.0	184.6	162.0
20°	565.1	516.1	470.9	414.4	354.1	308.9	275.0	248.7	226.0	199.7	173.3
17.5°	659.3	587.7	527.4	463.4	403.1	346.6	297.6	267.5	244.9	214.7	184.6
15°	779.9	655.5	580.2	516.1	444.6	380.5	327.8	286.3	256.2	226.0	199.7
12.5°	870.3	708.3	625.4	565.1	489.8	418.2	350.4	301.4	267.5	237.3	207.2
10°	972.0	764.8	663.1	595.3	516.1	437.0	365.4	312.7	275.0	248.7	218.5
7.5°	1054.9	810.0	681.9	606.6	531.2	452.1	380.5	324.0	286.3	256.2	226.0
5°	1130.2	847.7	697.0	610.3	538.7	463.4	388.0	331.5	293.9	263.7	233.6
2.5°	1183.0	881.6	712.0	617.9	546.3	470.9	399.4	339.1	301.4	271.3	241.1
0°	1228.2	892.9	708.3	617.9	550.0	470.9	403.1	342.8	305.2	275.0	244.9
-2.5°	1243.3	911.7	727.1	625.4	557.6	478.5	410.7	346.6	308.9	278.8	252.4
-5°	1243.3	896.7	727.1	632.9	561.4	482.2	410.7	350.4	312.7	282.6	252.4
-7.5°	1198.1	874.0	723.4	640.5	565.1	486.0	410.7	354.1	316.5	286.3	256.2
-10°	1118.9	840.1	719.6	644.2	565.1	482.2	410.7	354.1	316.5	286.3	260.0
-12.5°	990.8	794.9	700.7	636.7	557.6	474.7	406.9	354.1	316.5	290.1	260.0
-15°	926.8	757.3	678.1	614.1	538.7	463.4	399.4	350.4	316.5	290.1	263.7
-17.5°	840.1	727.1	655.5	591.5	523.7	452.1	391.8	350.4	316.5	286.3	263.7
-20°	779.9	693.2	629.2	572.7	504.8	440.8	388.0	346.6	316.5	286.3	263.7



REPORT NUMBER: P724113  
 CATALOG NUMBER: IFLD-M-SA4B-735-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°	727.1	655.5	599.0	542.5	482.2	425.7	380.5	342.8	312.7	286.3	263.7
-25°	685.7	621.6	568.9	516.1	463.4	414.4	373.0	339.1	308.9	286.3	260.0
-27.5°	648.0	587.7	538.7	489.8	440.8	403.1	365.4	335.3	308.9	282.6	256.2
-30°	606.6	557.6	508.6	463.4	429.5	391.8	357.9	327.8	305.2	278.8	252.4
-32.5°	565.1	519.9	478.5	444.6	414.4	384.3	354.1	324.0	297.6	271.3	244.9
-35°	527.4	486.0	455.9	425.7	403.1	376.7	346.6	316.5	293.9	267.5	244.9
-37.5°	489.8	459.6	433.3	410.7	388.0	365.4	335.3	308.9	286.3	260.0	233.6
-40°	459.6	437.0	418.2	399.4	376.7	350.4	327.8	301.4	278.8	252.4	222.3
-42.5°	440.8	422.0	403.1	384.3	365.4	342.8	320.2	293.9	271.3	244.9	214.7
-45°	422.0	406.9	391.8	376.7	357.9	335.3	308.9	282.6	260.0	233.6	211.0
-47.5°	410.7	395.6	380.5	369.2	354.1	324.0	301.4	275.0	248.7	226.0	199.7
-50°	399.4	384.3	373.0	357.9	339.1	312.7	290.1	263.7	241.1	214.7	192.1
-52.5°	388.0	373.0	357.9	342.8	324.0	301.4	278.8	256.2	229.8	203.4	180.8
-55°	376.7	361.7	346.6	331.5	312.7	293.9	271.3	241.1	214.7	188.4	165.8
-57.5°	365.4	354.1	335.3	316.5	297.6	278.8	252.4	226.0	199.7	173.3	154.5
-60°	350.4	335.3	320.2	297.6	278.8	256.2	233.6	211.0	184.6	162.0	143.2
-62.5°	327.8	312.7	297.6	275.0	256.2	237.3	218.5	192.1	173.3	150.7	131.9
-65°	301.4	286.3	271.3	252.4	233.6	214.7	199.7	177.1	158.2	139.4	124.3
-67.5°	271.3	256.2	244.9	226.0	211.0	192.1	177.1	158.2	139.4	124.3	109.3
-70°	233.6	222.3	211.0	195.9	180.8	165.8	150.7	135.6	120.6	109.3	94.2
-72.5°	199.7	188.4	177.1	165.8	154.5	139.4	128.1	116.8	105.5	94.2	86.7
-75°	162.0	154.5	146.9	139.4	128.1	116.8	109.3	98.0	90.4	82.9	79.1
-77.5°	135.6	128.1	120.6	113.0	105.5	98.0	90.4	82.9	79.1	75.3	71.6
-80°	109.3	105.5	101.7	94.2	90.4	82.9	79.1	71.6	71.6	71.6	71.6
-82.5°	86.7	82.9	79.1	75.3	71.6	67.8	67.8	64.0	67.8	67.8	64.0
-85°	60.3	56.5	52.7	52.7	49.0	49.0	45.2	45.2	45.2	41.4	41.4
-87.5°	26.4	26.4	26.4	26.4	22.6	22.6	22.6	22.6	22.6	18.8	18.8
-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: P724113  
 CATALOG NUMBER: IFLD-M-SA4B-735-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°	7.5	7.5	3.8	3.8	3.8	3.8	3.8	3.8	3.8	0.0	0.0
85°	15.1	15.1	11.3	11.3	11.3	7.5	7.5	3.8	3.8	3.8	3.8
82.5°	33.9	30.1	26.4	22.6	18.8	15.1	11.3	7.5	7.5	3.8	3.8
80°	41.4	41.4	41.4	37.7	30.1	22.6	15.1	11.3	7.5	3.8	3.8
77.5°	30.1	30.1	33.9	37.7	37.7	30.1	18.8	11.3	7.5	7.5	3.8
75°	22.6	22.6	22.6	26.4	30.1	30.1	22.6	15.1	7.5	7.5	3.8
72.5°	22.6	22.6	22.6	22.6	22.6	22.6	22.6	15.1	11.3	7.5	7.5
70°	18.8	18.8	18.8	18.8	18.8	18.8	18.8	15.1	11.3	7.5	7.5
67.5°	15.1	15.1	18.8	18.8	18.8	15.1	15.1	15.1	11.3	7.5	7.5
65°	11.3	15.1	15.1	18.8	15.1	15.1	15.1	11.3	11.3	7.5	7.5
62.5°	11.3	11.3	15.1	15.1	15.1	15.1	11.3	11.3	11.3	7.5	7.5
60°	11.3	11.3	11.3	15.1	11.3	11.3	11.3	11.3	11.3	7.5	7.5
57.5°	11.3	11.3	11.3	11.3	11.3	11.3	11.3	7.5	7.5	7.5	7.5
55°	11.3	11.3	11.3	11.3	11.3	11.3	7.5	7.5	7.5	7.5	7.5
52.5°	15.1	11.3	11.3	11.3	11.3	11.3	7.5	7.5	7.5	7.5	7.5
50°	18.8	11.3	11.3	11.3	11.3	7.5	7.5	7.5	7.5	7.5	7.5
47.5°	26.4	18.8	15.1	11.3	11.3	7.5	7.5	7.5	7.5	7.5	3.8
45°	37.7	26.4	18.8	15.1	11.3	7.5	7.5	7.5	7.5	7.5	3.8
42.5°	45.2	33.9	22.6	18.8	15.1	11.3	7.5	7.5	7.5	3.8	3.8
40°	56.5	45.2	30.1	22.6	15.1	11.3	7.5	7.5	7.5	3.8	3.8
37.5°	71.6	56.5	37.7	26.4	18.8	11.3	11.3	7.5	7.5	3.8	3.8
35°	82.9	64.0	49.0	30.1	22.6	15.1	11.3	7.5	7.5	3.8	3.8
32.5°	94.2	75.3	60.3	37.7	26.4	18.8	15.1	7.5	7.5	3.8	3.8
30°	105.5	86.7	67.8	49.0	33.9	22.6	15.1	7.5	7.5	3.8	3.8
27.5°	116.8	94.2	75.3	56.5	37.7	26.4	18.8	11.3	7.5	3.8	3.8
25°	128.1	105.5	82.9	64.0	41.4	30.1	18.8	11.3	7.5	7.5	3.8
22.5°	135.6	116.8	94.2	71.6	49.0	33.9	22.6	15.1	7.5	7.5	3.8
20°	146.9	128.1	101.7	79.1	56.5	37.7	22.6	15.1	7.5	7.5	3.8
17.5°	158.2	135.6	109.3	86.7	64.0	41.4	26.4	18.8	7.5	7.5	3.8
15°	169.5	143.2	116.8	90.4	67.8	45.2	26.4	18.8	7.5	7.5	3.8
12.5°	180.8	154.5	124.3	98.0	71.6	49.0	30.1	22.6	11.3	7.5	3.8
10°	188.4	162.0	131.9	101.7	75.3	56.5	33.9	22.6	11.3	7.5	3.8
7.5°	199.7	169.5	139.4	109.3	79.1	60.3	37.7	22.6	11.3	7.5	3.8
5°	203.4	177.1	143.2	116.8	82.9	64.0	41.4	26.4	11.3	7.5	3.8
2.5°	207.2	184.6	146.9	120.6	86.7	64.0	41.4	26.4	15.1	7.5	3.8
0°	211.0	188.4	150.7	124.3	90.4	67.8	45.2	26.4	15.1	7.5	3.8
-2.5°	214.7	192.1	158.2	128.1	94.2	71.6	49.0	26.4	15.1	7.5	3.8
-5°	218.5	192.1	165.8	131.9	98.0	71.6	49.0	30.1	18.8	7.5	3.8
-7.5°	222.3	195.9	169.5	135.6	101.7	71.6	52.7	30.1	18.8	11.3	3.8
-10°	226.0	199.7	173.3	139.4	101.7	75.3	52.7	30.1	18.8	11.3	3.8
-12.5°	229.8	203.4	173.3	139.4	105.5	75.3	52.7	33.9	18.8	11.3	3.8
-15°	233.6	203.4	173.3	139.4	105.5	79.1	56.5	33.9	18.8	11.3	7.5
-17.5°	233.6	203.4	173.3	143.2	105.5	79.1	56.5	33.9	18.8	11.3	7.5
-20°	233.6	203.4	173.3	143.2	105.5	79.1	56.5	33.9	18.8	11.3	7.5



REPORT NUMBER: P724113  
 CATALOG NUMBER: IFLD-M-SA4B-735-U-22-VI

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	229.8	199.7	173.3	139.4	105.5	79.1	56.5	33.9	22.6	11.3	7.5
-25°	229.8	199.7	173.3	139.4	105.5	79.1	52.7	33.9	22.6	11.3	7.5
-27.5°	226.0	199.7	169.5	135.6	101.7	75.3	52.7	33.9	22.6	11.3	7.5
-30°	222.3	195.9	165.8	131.9	101.7	75.3	52.7	33.9	22.6	11.3	7.5
-32.5°	218.5	188.4	162.0	128.1	98.0	71.6	52.7	33.9	22.6	11.3	7.5
-35°	211.0	184.6	154.5	124.3	94.2	71.6	49.0	33.9	22.6	15.1	7.5
-37.5°	203.4	177.1	150.7	120.6	90.4	67.8	49.0	33.9	22.6	15.1	7.5
-40°	195.9	173.3	143.2	113.0	86.7	64.0	49.0	33.9	22.6	15.1	11.3
-42.5°	188.4	165.8	139.4	109.3	86.7	64.0	45.2	33.9	22.6	15.1	11.3
-45°	184.6	162.0	131.9	105.5	82.9	64.0	45.2	30.1	22.6	15.1	11.3
-47.5°	177.1	150.7	124.3	101.7	79.1	60.3	41.4	30.1	22.6	15.1	11.3
-50°	165.8	143.2	120.6	98.0	75.3	56.5	41.4	30.1	22.6	15.1	11.3
-52.5°	154.5	131.9	113.0	90.4	71.6	56.5	41.4	30.1	22.6	15.1	11.3
-55°	143.2	124.3	105.5	86.7	67.8	52.7	37.7	30.1	22.6	15.1	11.3
-57.5°	135.6	116.8	98.0	79.1	64.0	49.0	37.7	26.4	18.8	15.1	11.3
-60°	128.1	109.3	90.4	75.3	60.3	49.0	37.7	26.4	18.8	15.1	7.5
-62.5°	116.8	101.7	82.9	71.6	56.5	45.2	33.9	26.4	18.8	15.1	7.5
-65°	105.5	90.4	75.3	64.0	52.7	41.4	33.9	26.4	18.8	15.1	7.5
-67.5°	94.2	82.9	71.6	60.3	49.0	41.4	33.9	26.4	18.8	11.3	7.5
-70°	86.7	75.3	64.0	56.5	49.0	37.7	33.9	26.4	18.8	11.3	7.5
-72.5°	75.3	67.8	60.3	52.7	45.2	41.4	33.9	26.4	15.1	11.3	7.5
-75°	71.6	64.0	56.5	52.7	49.0	41.4	33.9	22.6	15.1	11.3	7.5
-77.5°	71.6	64.0	60.3	56.5	49.0	41.4	30.1	18.8	11.3	11.3	7.5
-80°	71.6	67.8	64.0	52.7	45.2	33.9	22.6	18.8	11.3	7.5	3.8
-82.5°	64.0	52.7	45.2	37.7	33.9	26.4	18.8	15.1	7.5	7.5	3.8
-85°	41.4	33.9	30.1	26.4	22.6	18.8	11.3	7.5	7.5	3.8	3.8
-87.5°	18.8	18.8	15.1	11.3	11.3	7.5	7.5	3.8	3.8	3.8	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: P724113  
 CATALOG NUMBER: IFLD-M-SA4B-735-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°	3.8	0.0	0.0	0.0
77.5°	3.8	0.0	0.0	0.0
75°	3.8	3.8	0.0	0.0
72.5°	3.8	3.8	0.0	0.0
70°	3.8	3.8	0.0	0.0
67.5°	3.8	3.8	0.0	0.0
65°	3.8	3.8	0.0	0.0
62.5°	3.8	3.8	0.0	0.0
60°	3.8	3.8	0.0	0.0
57.5°	3.8	3.8	3.8	0.0
55°	3.8	3.8	3.8	0.0
52.5°	3.8	3.8	3.8	0.0
50°	3.8	3.8	3.8	0.0
47.5°	3.8	3.8	3.8	0.0
45°	3.8	3.8	3.8	0.0
42.5°	3.8	3.8	3.8	0.0
40°	3.8	3.8	3.8	0.0
37.5°	3.8	3.8	3.8	0.0
35°	3.8	3.8	3.8	0.0
32.5°	3.8	3.8	3.8	0.0
30°	3.8	3.8	3.8	0.0
27.5°	3.8	3.8	3.8	0.0
25°	3.8	3.8	3.8	0.0
22.5°	3.8	3.8	3.8	0.0
20°	3.8	3.8	3.8	0.0
17.5°	3.8	3.8	3.8	0.0
15°	3.8	3.8	3.8	0.0
12.5°	3.8	3.8	3.8	0.0
10°	3.8	3.8	3.8	0.0
7.5°	3.8	3.8	3.8	0.0
5°	3.8	3.8	3.8	0.0
2.5°	3.8	3.8	3.8	0.0
0°	3.8	3.8	3.8	0.0
-2.5°	3.8	3.8	3.8	0.0
-5°	3.8	3.8	3.8	0.0
-7.5°	3.8	3.8	3.8	0.0
-10°	3.8	3.8	3.8	0.0
-12.5°	3.8	3.8	3.8	0.0
-15°	3.8	3.8	3.8	0.0
-17.5°	3.8	3.8	3.8	0.0
-20°	3.8	3.8	3.8	0.0



REPORT NUMBER: P724113  
CATALOG NUMBER: IFLD-M-SA4B-735-U-22-VI

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
-22.5°	3.8	3.8	3.8	0.0
-25°	3.8	3.8	3.8	0.0
-27.5°	3.8	3.8	3.8	0.0
-30°	3.8	3.8	3.8	0.0
-32.5°	3.8	3.8	3.8	0.0
-35°	3.8	3.8	3.8	0.0
-37.5°	3.8	3.8	3.8	0.0
-40°	3.8	3.8	3.8	0.0
-42.5°	3.8	3.8	3.8	0.0
-45°	3.8	3.8	3.8	0.0
-47.5°	3.8	3.8	3.8	0.0
-50°	3.8	3.8	3.8	0.0
-52.5°	3.8	3.8	3.8	0.0
-55°	3.8	3.8	3.8	0.0
-57.5°	3.8	3.8	3.8	0.0
-60°	3.8	3.8	0.0	0.0
-62.5°	3.8	3.8	0.0	0.0
-65°	3.8	3.8	0.0	0.0
-67.5°	3.8	3.8	0.0	0.0
-70°	3.8	3.8	0.0	0.0
-72.5°	3.8	3.8	0.0	0.0
-75°	3.8	3.8	0.0	0.0
-77.5°	3.8	0.0	0.0	0.0
-80°	3.8	0.0	0.0	0.0
-82.5°	3.8	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)