

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: P724102

Luminaire Tested: **IFLD-S-SA3A-735-U-22-VI**

Issue Date: 01/11/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P724102  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 01/11/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-S-SA3A-735-U-22-VI  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 2 distribution lens and Visor  
Light Source: (48) 3500K CCT, 70 CRI LEDs  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

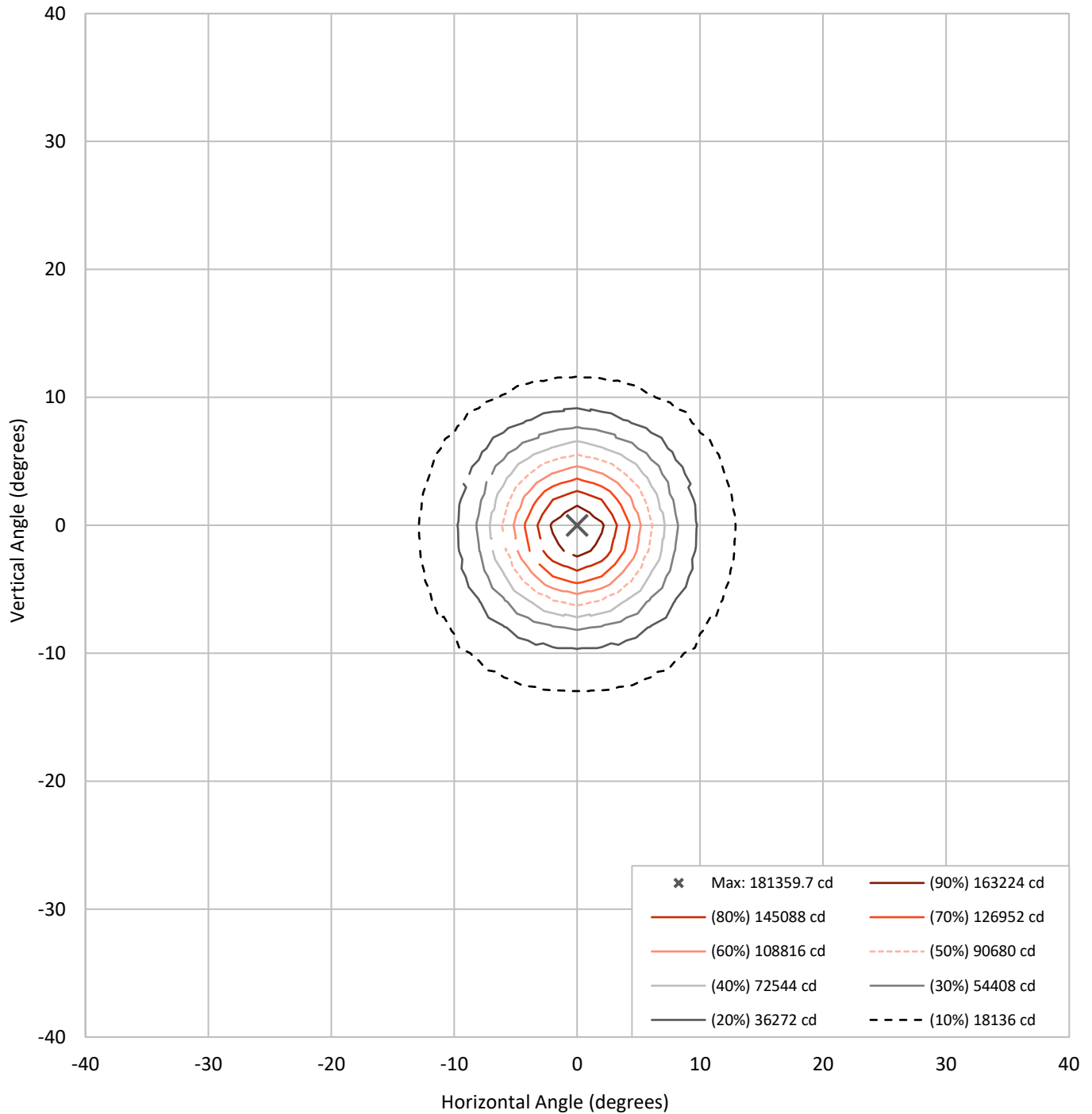
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	12668.1 lumens	Max Intensity:	181359.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	133.6 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	12.2°H x 11.7°V	Field Angle (10%):	25.1°H x 24.3°V
Beam Lumens:	3963.2 lumens	Field Lumens:	9017.6 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





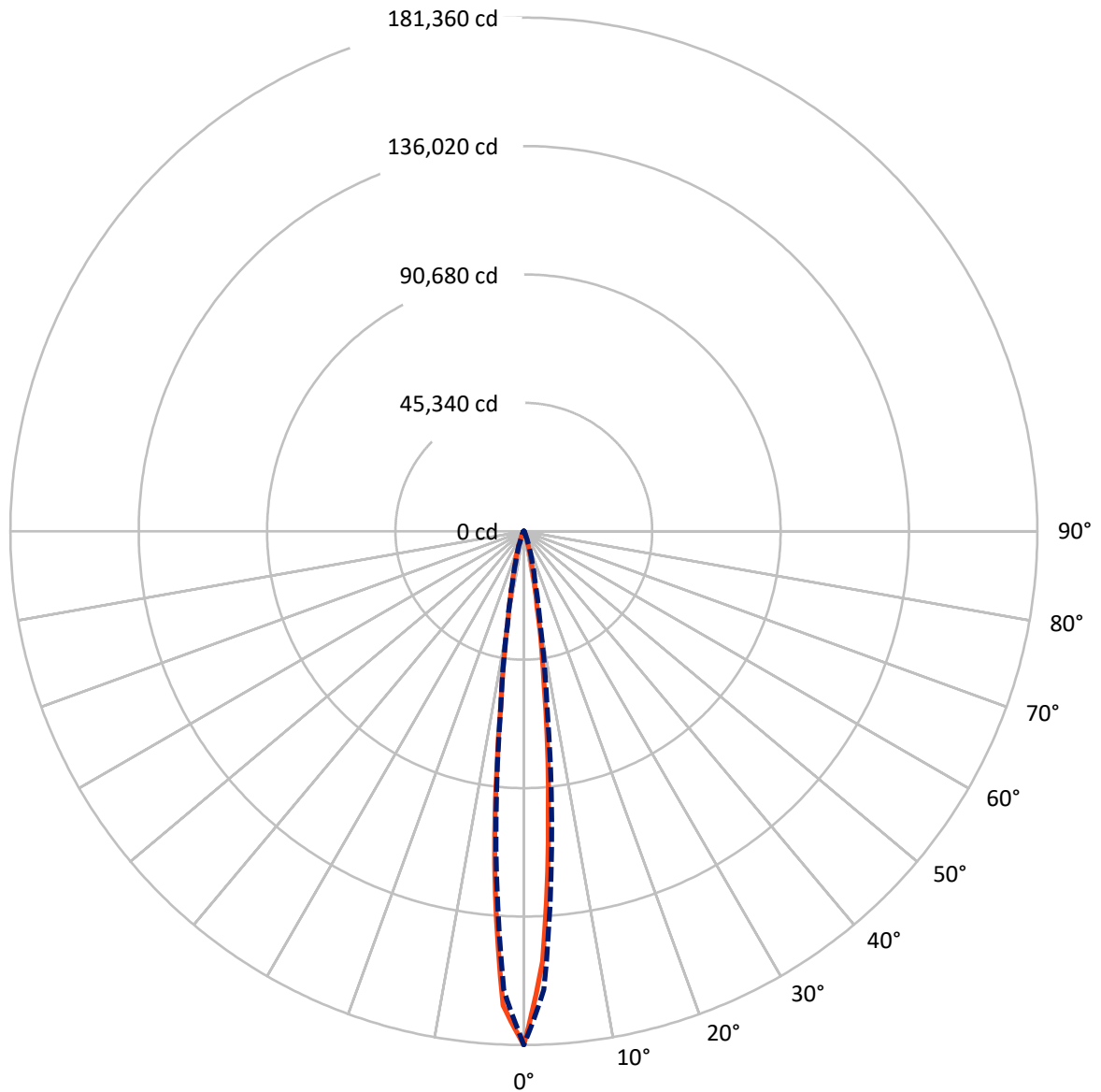
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### Lumen Table

90	0.1	0.8	0.6	0.3	0.0	0.3	0.6	0.8	0.1										
80	0.1	0.8	0.6	0.3	0.0	0.3	0.6	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	0.1	0.1	
60		0.1	0.1	0.3	0.7	1.0	1.2	1.4	1.4	1.2	1.0	0.7	0.3	0.1	0.1				
50	0.1	0.1	0.4	1.0	1.8	2.6	3.4	4.0	4.0	3.4	2.6	1.8	1.0	0.4	0.1			0.1	
40		0.2	0.9	1.9	3.2	5.1	7.7	9.2	9.2	7.7	5.1	3.2	1.9	0.9	0.2				
30	0.1	0.4	1.4	2.8	5.1	8.8	16.9	27.3	27.3	16.9	8.8	5.1	2.8	1.4	0.4			0.1	
20		0.6	1.8	3.8	7.7	19.1	99.8	252.5	252.5	99.8	19.1	7.7	3.8	1.8	0.6				
10	0.2	0.7	2.2	4.5	9.4	38.8	321.4	1980.8	1980.8	321.4	38.8	9.4	4.5	2.2	0.7			0.2	
0		0.8	2.4	4.7	9.8	44.2	353.7	2181.4	2181.4	353.7	44.2	9.8	4.7	2.4	0.8				
-10	0.3	0.9	2.5	4.7	9.2	26.5	158.8	382.6	382.6	158.8	26.5	9.2	4.7	2.5	0.9			0.3	
-20		0.9	2.4	4.5	7.8	13.5	32.8	61.6	61.6	32.8	13.5	7.8	4.5	2.4	0.9				
-30	0.3	0.8	2.2	4.1	6.5	9.6	13.5	15.9	15.9	13.5	9.6	6.5	4.1	2.2	0.8			0.3	
-40		0.7	1.9	3.7	5.6	7.4	9.4	10.5	10.5	9.4	7.4	5.6	3.7	1.9	0.7				
-50	0.2	0.6	1.6	3.1	4.9	6.5	8.0	8.7	8.7	8.0	6.5	4.9	3.1	1.6	0.6			0.2	
-60		0.4	1.1	2.3	3.8	5.2	6.5	7.3	7.3	6.5	5.2	3.8	2.3	1.1	0.4				
-70	0.1	0.6	1.6	3.1	4.9	6.5	8.0	8.7	8.7	8.0	6.5	4.9	3.1	1.6	0.6			0.1	
-80		0.4	1.1	2.3	3.8	5.2	6.5	7.3	7.3	6.5	5.2	3.8	2.3	1.1	0.4				
-90	0.1	1.7	4.7	8.8	10.6	8.8	4.7	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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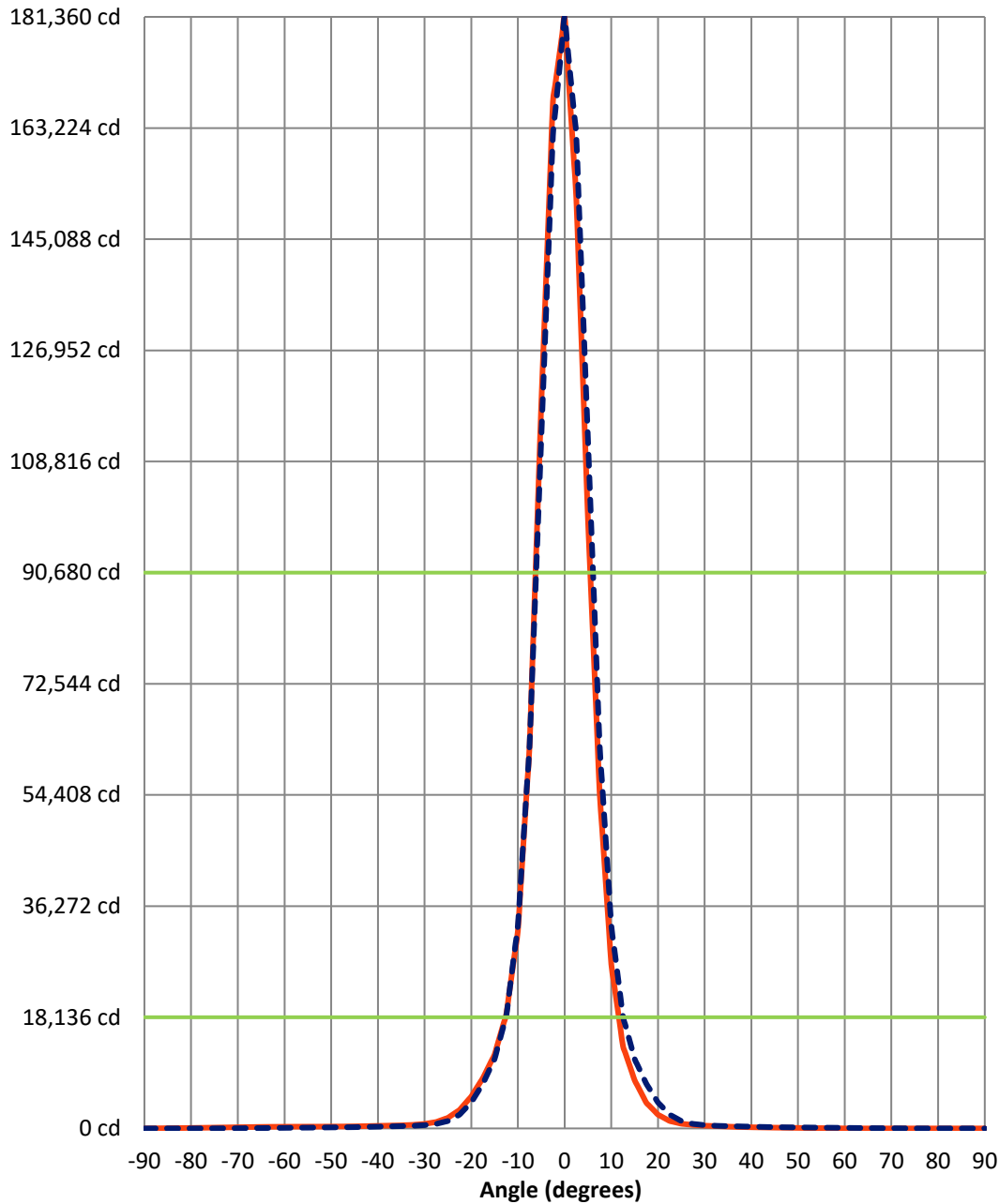
### Luminous Intensity Polar Plot



— 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: 3963.2  
Efficiency: 31.3%

**Field:**  
H Angle: 25.1°  
V Angle: 24.3°  
Lumens: 9017.6  
Efficiency: 71.2%

**Spill:**  
Lumens: 3650.5  
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	4.5	4.5
82.5°	0.0	0.0	0.0	0.0	2.3	2.3	2.3	2.3	4.5	4.5	4.5
80°	0.0	0.0	0.0	0.0	2.3	2.3	2.3	2.3	4.5	4.5	4.5
77.5°	0.0	0.0	0.0	0.0	2.3	2.3	2.3	2.3	2.3	2.3	4.5
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°	4.5	4.5	4.5	4.5	6.8	6.8	9.1	9.1	9.1	4.5	9.1
57.5°	36.3	36.3	34.0	31.8	29.5	27.2	27.2	27.2	27.2	27.2	22.7
55°	49.9	49.9	49.9	47.7	47.7	45.4	43.1	40.9	40.9	38.6	36.3
52.5°	59.0	59.0	59.0	59.0	56.7	56.7	56.7	54.5	49.9	49.9	47.7
50°	84.0	81.7	81.7	81.7	81.7	77.2	74.9	70.4	68.1	65.8	63.5
47.5°	108.9	108.9	106.7	106.7	104.4	99.9	95.3	90.8	86.2	84.0	79.4
45°	129.4	129.4	127.1	127.1	124.8	120.3	113.5	106.7	102.1	97.6	93.1
42.5°	158.9	156.6	154.3	152.1	147.5	140.7	131.6	122.6	115.7	108.9	104.4
40°	190.6	190.6	188.4	186.1	179.3	172.5	161.1	149.8	138.4	124.8	118.0
37.5°	229.2	231.5	233.8	233.8	229.2	220.1	204.3	190.6	172.5	154.3	145.2
35°	299.6	299.6	304.1	304.1	297.3	286.0	274.6	245.1	222.4	199.7	179.3
32.5°	376.7	379.0	369.9	363.1	354.0	340.4	320.0	295.0	270.1	240.6	217.9
30°	451.6	451.6	440.3	426.7	408.5	385.8	360.9	333.6	304.1	274.6	247.4
27.5°	569.6	558.3	549.2	526.5	494.8	451.6	419.9	376.7	338.2	304.1	274.6
25°	764.8	762.6	742.1	703.6	640.0	571.9	519.7	447.1	388.1	335.9	301.8
22.5°	1216.5	1200.6	1152.9	1057.6	907.8	789.8	683.1	569.6	463.0	392.6	338.2
20°	2249.1	2196.9	2069.8	1806.5	1470.6	1239.2	973.6	783.0	603.7	472.1	390.4
17.5°	4196.3	4162.3	4114.6	3506.4	2823.3	2333.1	1736.2	1200.6	857.9	617.3	463.0
15°	7866.2	7614.2	7087.7	6359.2	5403.7	4175.9	3070.7	1938.2	1225.5	821.6	587.8
12.5°	13446.9	13167.8	11808.3	9985.9	8267.9	6520.3	4577.6	2945.8	1745.3	1044.0	696.7
10°	26794.0	24767.3	20961.3	15643.8	12210.0	9105.3	6427.3	4019.3	2271.8	1318.6	826.1
7.5°	54879.3	48256.8	37186.1	26251.5	16991.9	11942.2	8208.9	5256.2	3027.5	1649.9	944.1
5°	99466.3	87717.0	66083.9	39791.5	24674.2	14967.5	9740.8	6250.3	3583.6	1920.0	1062.1
2.5°	151878.6	136679.6	95540.0	54715.9	30425.2	17309.6	10812.0	6903.9	3937.6	2103.8	1152.9
0°	181359.7	162000.7	112513.8	62643.3	33164.5	18303.7	11336.3	7296.5	4237.2	2253.6	1211.9
-2.5°	167531.5	151946.7	103401.6	58190.5	31691.6	17867.9	11411.2	7394.1	4287.1	2294.5	1239.2
-5°	118076.4	105285.3	71546.6	42941.6	26889.3	16458.6	10766.6	7026.4	4148.7	2235.5	1227.8
-7.5°	62468.6	56681.3	42431.0	30856.4	19626.8	13930.3	9693.1	6375.1	3790.1	2076.6	1159.7
-10°	32274.9	31087.9	26789.4	20194.2	15882.1	11669.9	8272.4	5451.4	3168.3	1788.4	1044.0
-12.5°	18607.8	18405.8	17023.7	14613.4	12178.2	9586.5	6788.1	4446.0	2644.0	1482.0	880.6
-15°	12048.9	12135.1	11654.0	10650.9	9264.2	7174.0	5215.4	3306.7	1956.3	1200.6	776.2
-17.5°	8222.5	8199.8	7975.1	7287.4	6170.8	4845.4	3456.5	2335.3	1482.0	935.0	644.5
-20°	5201.7	5210.8	5002.0	4527.7	3706.1	2986.7	2151.5	1575.0	1050.8	735.3	569.6



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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°	3018.5	3025.3	2893.6	2625.8	2194.6	1770.2	1398.0	1041.7	773.9	612.8	499.3
-25°	1733.9	1706.7	1654.5	1525.1	1323.1	1091.6	928.2	733.1	619.6	519.7	456.2
-27.5°	1050.8	1032.6	1005.4	948.7	869.2	753.5	678.6	592.3	526.5	467.5	428.9
-30°	733.1	739.9	717.2	687.7	651.4	599.2	558.3	517.5	474.3	438.0	401.7
-32.5°	583.3	587.8	576.5	565.1	547.0	526.5	501.6	472.1	438.0	404.0	369.9
-35°	501.6	503.8	503.8	501.6	497.0	481.1	463.0	435.7	404.0	372.2	342.7
-37.5°	460.7	463.0	463.0	460.7	453.9	440.3	422.1	399.4	369.9	340.4	317.7
-40°	417.6	419.9	417.6	413.1	406.2	392.6	379.0	360.9	338.2	313.2	292.8
-42.5°	376.7	374.5	372.2	367.7	360.9	351.8	340.4	326.8	310.9	292.8	276.9
-45°	338.2	338.2	335.9	333.6	329.1	322.3	315.5	304.1	292.8	279.2	265.5
-47.5°	317.7	317.7	315.5	313.2	310.9	306.4	299.6	290.5	281.4	270.1	258.7
-50°	304.1	304.1	304.1	301.8	299.6	295.0	288.2	281.4	272.3	261.0	249.6
-52.5°	295.0	295.0	295.0	292.8	290.5	288.2	281.4	272.3	261.0	251.9	242.8
-55°	290.5	288.2	288.2	286.0	283.7	281.4	272.3	263.3	254.2	245.1	236.0
-57.5°	283.7	281.4	281.4	279.2	276.9	274.6	265.5	256.5	247.4	236.0	229.2
-60°	276.9	274.6	274.6	270.1	267.8	265.5	256.5	247.4	238.3	229.2	220.1
-62.5°	267.8	265.5	263.3	261.0	256.5	251.9	245.1	236.0	224.7	215.6	206.5
-65°	247.4	245.1	242.8	240.6	238.3	236.0	229.2	217.9	208.8	199.7	190.6
-67.5°	222.4	222.4	222.4	217.9	215.6	211.1	206.5	197.4	188.4	179.3	172.5
-70°	192.9	192.9	192.9	188.4	186.1	183.8	177.0	170.2	163.4	156.6	147.5
-72.5°	163.4	161.1	161.1	158.9	154.3	152.1	147.5	143.0	136.2	131.6	124.8
-75°	133.9	131.6	131.6	129.4	127.1	124.8	120.3	118.0	113.5	108.9	102.1
-77.5°	106.7	106.7	106.7	104.4	102.1	99.9	97.6	95.3	93.1	88.5	84.0
-80°	81.7	81.7	81.7	81.7	81.7	81.7	81.7	79.4	74.9	72.6	70.4
-82.5°	59.0	61.3	61.3	61.3	61.3	61.3	61.3	61.3	59.0	56.7	54.5
-85°	38.6	40.9	40.9	43.1	45.4	45.4	47.7	45.4	43.1	38.6	36.3
-87.5°	20.4	20.4	20.4	20.4	20.4	20.4	20.4	18.2	18.2	18.2	15.9
-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	4.5	4.5	4.5
85°	4.5	4.5	4.5	4.5	6.8	6.8	6.8	9.1	9.1	9.1	9.1
82.5°	4.5	6.8	6.8	6.8	9.1	9.1	11.3	13.6	18.2	20.4	20.4
80°	4.5	6.8	6.8	6.8	9.1	9.1	11.3	11.3	13.6	15.9	20.4
77.5°	4.5	4.5	6.8	6.8	6.8	9.1	9.1	11.3	11.3	13.6	15.9
75°	2.3	4.5	4.5	4.5	6.8	6.8	9.1	9.1	11.3	11.3	13.6
72.5°	2.3	4.5	4.5	4.5	6.8	6.8	9.1	9.1	9.1	11.3	11.3
70°	2.3	4.5	4.5	4.5	4.5	6.8	6.8	6.8	9.1	9.1	9.1
67.5°	2.3	2.3	2.3	4.5	4.5	4.5	4.5	6.8	6.8	6.8	9.1
65°	2.3	2.3	2.3	2.3	4.5	4.5	4.5	4.5	6.8	6.8	6.8
62.5°	2.3	2.3	2.3	4.5	4.5	4.5	4.5	4.5	6.8	6.8	6.8
60°	9.1	9.1	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
57.5°	20.4	20.4	18.2	15.9	13.6	13.6	11.3	9.1	9.1	6.8	6.8
55°	34.0	31.8	29.5	25.0	22.7	20.4	18.2	13.6	11.3	9.1	6.8
52.5°	43.1	40.9	38.6	36.3	31.8	27.2	25.0	22.7	18.2	13.6	11.3
50°	63.5	56.7	52.2	47.7	43.1	38.6	34.0	31.8	25.0	20.4	15.9
47.5°	77.2	72.6	65.8	61.3	56.7	49.9	43.1	38.6	34.0	27.2	20.4
45°	88.5	84.0	77.2	72.6	68.1	61.3	54.5	47.7	43.1	36.3	27.2
42.5°	99.9	95.3	88.5	84.0	77.2	70.4	63.5	56.7	49.9	45.4	36.3
40°	115.7	108.9	99.9	95.3	90.8	81.7	72.6	65.8	59.0	52.2	43.1
37.5°	136.2	129.4	118.0	108.9	102.1	95.3	86.2	77.2	70.4	61.3	52.2
35°	167.9	156.6	140.7	127.1	118.0	108.9	97.6	88.5	79.4	70.4	61.3
32.5°	199.7	181.6	161.1	145.2	131.6	120.3	108.9	99.9	88.5	77.2	68.1
30°	224.7	204.3	183.8	161.1	145.2	131.6	120.3	108.9	97.6	86.2	74.9
27.5°	249.6	227.0	204.3	181.6	158.9	140.7	129.4	118.0	106.7	95.3	81.7
25°	274.6	249.6	227.0	202.0	174.8	154.3	138.4	129.4	118.0	104.4	88.5
22.5°	297.3	274.6	251.9	224.7	192.9	165.7	149.8	138.4	127.1	111.2	97.6
20°	340.4	310.9	283.7	249.6	213.3	186.1	165.7	149.8	136.2	120.3	104.4
17.5°	397.2	354.0	317.7	279.2	242.8	208.8	179.3	161.1	147.5	129.4	111.2
15°	469.8	394.9	349.5	310.9	267.8	229.2	197.4	172.5	154.3	136.2	120.3
12.5°	524.3	426.7	376.7	340.4	295.0	251.9	211.1	181.6	161.1	143.0	124.8
10°	585.5	460.7	399.4	358.6	310.9	263.3	220.1	188.4	165.7	149.8	131.6
7.5°	635.5	487.9	410.8	365.4	320.0	272.3	229.2	195.2	172.5	154.3	136.2
5°	680.9	510.6	419.9	367.7	324.5	279.2	233.8	199.7	177.0	158.9	140.7
2.5°	712.6	531.1	428.9	372.2	329.1	283.7	240.6	204.3	181.6	163.4	145.2
0°	739.9	537.9	426.7	372.2	331.4	283.7	242.8	206.5	183.8	165.7	147.5
-2.5°	748.9	549.2	438.0	376.7	335.9	288.2	247.4	208.8	186.1	167.9	152.1
-5°	748.9	540.1	438.0	381.3	338.2	290.5	247.4	211.1	188.4	170.2	152.1
-7.5°	721.7	526.5	435.7	385.8	340.4	292.8	247.4	213.3	190.6	172.5	154.3
-10°	674.0	506.1	433.5	388.1	340.4	290.5	247.4	213.3	190.6	172.5	156.6
-12.5°	596.9	478.9	422.1	383.5	335.9	286.0	245.1	213.3	190.6	174.8	156.6
-15°	558.3	456.2	408.5	369.9	324.5	279.2	240.6	211.1	190.6	174.8	158.9
-17.5°	506.1	438.0	394.9	356.3	315.5	272.3	236.0	211.1	190.6	172.5	158.9
-20°	469.8	417.6	379.0	345.0	304.1	265.5	233.8	208.8	190.6	172.5	158.9



REPORT NUMBER: P724102  
 CATALOG NUMBER: IFLD-S-SA3A-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°	438.0	394.9	360.9	326.8	290.5	256.5	229.2	206.5	188.4	172.5	158.9
-25°	413.1	374.5	342.7	310.9	279.2	249.6	224.7	204.3	186.1	172.5	156.6
-27.5°	390.4	354.0	324.5	295.0	265.5	242.8	220.1	202.0	186.1	170.2	154.3
-30°	365.4	335.9	306.4	279.2	258.7	236.0	215.6	197.4	183.8	167.9	152.1
-32.5°	340.4	313.2	288.2	267.8	249.6	231.5	213.3	195.2	179.3	163.4	147.5
-35°	317.7	292.8	274.6	256.5	242.8	227.0	208.8	190.6	177.0	161.1	147.5
-37.5°	295.0	276.9	261.0	247.4	233.8	220.1	202.0	186.1	172.5	156.6	140.7
-40°	276.9	263.3	251.9	240.6	227.0	211.1	197.4	181.6	167.9	152.1	133.9
-42.5°	265.5	254.2	242.8	231.5	220.1	206.5	192.9	177.0	163.4	147.5	129.4
-45°	254.2	245.1	236.0	227.0	215.6	202.0	186.1	170.2	156.6	140.7	127.1
-47.5°	247.4	238.3	229.2	222.4	213.3	195.2	181.6	165.7	149.8	136.2	120.3
-50°	240.6	231.5	224.7	215.6	204.3	188.4	174.8	158.9	145.2	129.4	115.7
-52.5°	233.8	224.7	215.6	206.5	195.2	181.6	167.9	154.3	138.4	122.6	108.9
-55°	227.0	217.9	208.8	199.7	188.4	177.0	163.4	145.2	129.4	113.5	99.9
-57.5°	220.1	213.3	202.0	190.6	179.3	167.9	152.1	136.2	120.3	104.4	93.1
-60°	211.1	202.0	192.9	179.3	167.9	154.3	140.7	127.1	111.2	97.6	86.2
-62.5°	197.4	188.4	179.3	165.7	154.3	143.0	131.6	115.7	104.4	90.8	79.4
-65°	181.6	172.5	163.4	152.1	140.7	129.4	120.3	106.7	95.3	84.0	74.9
-67.5°	163.4	154.3	147.5	136.2	127.1	115.7	106.7	95.3	84.0	74.9	65.8
-70°	140.7	133.9	127.1	118.0	108.9	99.9	90.8	81.7	72.6	65.8	56.7
-72.5°	120.3	113.5	106.7	99.9	93.1	84.0	77.2	70.4	63.5	56.7	52.2
-75°	97.6	93.1	88.5	84.0	77.2	70.4	65.8	59.0	54.5	49.9	47.7
-77.5°	81.7	77.2	72.6	68.1	63.5	59.0	54.5	49.9	47.7	45.4	43.1
-80°	65.8	63.5	61.3	56.7	54.5	49.9	47.7	43.1	43.1	43.1	43.1
-82.5°	52.2	49.9	47.7	45.4	43.1	40.9	40.9	38.6	40.9	40.9	38.6
-85°	36.3	34.0	31.8	31.8	29.5	29.5	27.2	27.2	27.2	25.0	25.0
-87.5°	15.9	15.9	15.9	15.9	13.6	13.6	13.6	13.6	13.6	11.3	11.3
-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: P724102  
 CATALOG NUMBER: IFLD-S-SA3A-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°	4.5	4.5	2.3	2.3	2.3	2.3	2.3	2.3	2.3	0.0	0.0
85°	9.1	9.1	6.8	6.8	6.8	4.5	4.5	2.3	2.3	2.3	2.3
82.5°	20.4	18.2	15.9	13.6	11.3	9.1	6.8	4.5	4.5	2.3	2.3
80°	25.0	25.0	25.0	22.7	18.2	13.6	9.1	6.8	4.5	2.3	2.3
77.5°	18.2	18.2	20.4	22.7	22.7	18.2	11.3	6.8	4.5	4.5	2.3
75°	13.6	13.6	13.6	15.9	18.2	18.2	13.6	9.1	4.5	4.5	2.3
72.5°	13.6	13.6	13.6	13.6	13.6	13.6	13.6	9.1	6.8	4.5	4.5
70°	11.3	11.3	11.3	11.3	11.3	11.3	11.3	9.1	6.8	4.5	4.5
67.5°	9.1	9.1	11.3	11.3	11.3	9.1	9.1	9.1	6.8	4.5	4.5
65°	6.8	9.1	9.1	11.3	9.1	9.1	9.1	6.8	6.8	4.5	4.5
62.5°	6.8	6.8	9.1	9.1	9.1	9.1	6.8	6.8	6.8	4.5	4.5
60°	6.8	6.8	6.8	9.1	6.8	6.8	6.8	6.8	6.8	4.5	4.5
57.5°	6.8	6.8	6.8	6.8	6.8	6.8	6.8	4.5	4.5	4.5	4.5
55°	6.8	6.8	6.8	6.8	6.8	6.8	4.5	4.5	4.5	4.5	4.5
52.5°	9.1	6.8	6.8	6.8	6.8	6.8	4.5	4.5	4.5	4.5	4.5
50°	11.3	6.8	6.8	6.8	6.8	4.5	4.5	4.5	4.5	4.5	4.5
47.5°	15.9	11.3	9.1	6.8	6.8	4.5	4.5	4.5	4.5	4.5	2.3
45°	22.7	15.9	11.3	9.1	6.8	4.5	4.5	4.5	4.5	4.5	2.3
42.5°	27.2	20.4	13.6	11.3	9.1	6.8	4.5	4.5	4.5	2.3	2.3
40°	34.0	27.2	18.2	13.6	9.1	6.8	4.5	4.5	4.5	2.3	2.3
37.5°	43.1	34.0	22.7	15.9	11.3	6.8	6.8	4.5	4.5	2.3	2.3
35°	49.9	38.6	29.5	18.2	13.6	9.1	6.8	4.5	4.5	2.3	2.3
32.5°	56.7	45.4	36.3	22.7	15.9	11.3	9.1	4.5	4.5	2.3	2.3
30°	63.5	52.2	40.9	29.5	20.4	13.6	9.1	4.5	4.5	2.3	2.3
27.5°	70.4	56.7	45.4	34.0	22.7	15.9	11.3	6.8	4.5	2.3	2.3
25°	77.2	63.5	49.9	38.6	25.0	18.2	11.3	6.8	4.5	4.5	2.3
22.5°	81.7	70.4	56.7	43.1	29.5	20.4	13.6	9.1	4.5	4.5	2.3
20°	88.5	77.2	61.3	47.7	34.0	22.7	13.6	9.1	4.5	4.5	2.3
17.5°	95.3	81.7	65.8	52.2	38.6	25.0	15.9	11.3	4.5	4.5	2.3
15°	102.1	86.2	70.4	54.5	40.9	27.2	15.9	11.3	4.5	4.5	2.3
12.5°	108.9	93.1	74.9	59.0	43.1	29.5	18.2	13.6	6.8	4.5	2.3
10°	113.5	97.6	79.4	61.3	45.4	34.0	20.4	13.6	6.8	4.5	2.3
7.5°	120.3	102.1	84.0	65.8	47.7	36.3	22.7	13.6	6.8	4.5	2.3
5°	122.6	106.7	86.2	70.4	49.9	38.6	25.0	15.9	6.8	4.5	2.3
2.5°	124.8	111.2	88.5	72.6	52.2	38.6	25.0	15.9	9.1	4.5	2.3
0°	127.1	113.5	90.8	74.9	54.5	40.9	27.2	15.9	9.1	4.5	2.3
-2.5°	129.4	115.7	95.3	77.2	56.7	43.1	29.5	15.9	9.1	4.5	2.3
-5°	131.6	115.7	99.9	79.4	59.0	43.1	29.5	18.2	11.3	4.5	2.3
-7.5°	133.9	118.0	102.1	81.7	61.3	43.1	31.8	18.2	11.3	6.8	2.3
-10°	136.2	120.3	104.4	84.0	61.3	45.4	31.8	18.2	11.3	6.8	2.3
-12.5°	138.4	122.6	104.4	84.0	63.5	45.4	31.8	20.4	11.3	6.8	2.3
-15°	140.7	122.6	104.4	84.0	63.5	47.7	34.0	20.4	11.3	6.8	4.5
-17.5°	140.7	122.6	104.4	86.2	63.5	47.7	34.0	20.4	11.3	6.8	4.5
-20°	140.7	122.6	104.4	86.2	63.5	47.7	34.0	20.4	11.3	6.8	4.5



REPORT NUMBER: P724102

CATALOG NUMBER: IFLD-S-SA3A-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°	138.4	120.3	104.4	84.0	63.5	47.7	34.0	20.4	13.6	6.8	4.5
-25°	138.4	120.3	104.4	84.0	63.5	47.7	31.8	20.4	13.6	6.8	4.5
-27.5°	136.2	120.3	102.1	81.7	61.3	45.4	31.8	20.4	13.6	6.8	4.5
-30°	133.9	118.0	99.9	79.4	61.3	45.4	31.8	20.4	13.6	6.8	4.5
-32.5°	131.6	113.5	97.6	77.2	59.0	43.1	31.8	20.4	13.6	6.8	4.5
-35°	127.1	111.2	93.1	74.9	56.7	43.1	29.5	20.4	13.6	9.1	4.5
-37.5°	122.6	106.7	90.8	72.6	54.5	40.9	29.5	20.4	13.6	9.1	4.5
-40°	118.0	104.4	86.2	68.1	52.2	38.6	29.5	20.4	13.6	9.1	6.8
-42.5°	113.5	99.9	84.0	65.8	52.2	38.6	27.2	20.4	13.6	9.1	6.8
-45°	111.2	97.6	79.4	63.5	49.9	38.6	27.2	18.2	13.6	9.1	6.8
-47.5°	106.7	90.8	74.9	61.3	47.7	36.3	25.0	18.2	13.6	9.1	6.8
-50°	99.9	86.2	72.6	59.0	45.4	34.0	25.0	18.2	13.6	9.1	6.8
-52.5°	93.1	79.4	68.1	54.5	43.1	34.0	25.0	18.2	13.6	9.1	6.8
-55°	86.2	74.9	63.5	52.2	40.9	31.8	22.7	18.2	13.6	9.1	6.8
-57.5°	81.7	70.4	59.0	47.7	38.6	29.5	22.7	15.9	11.3	9.1	6.8
-60°	77.2	65.8	54.5	45.4	36.3	29.5	22.7	15.9	11.3	9.1	4.5
-62.5°	70.4	61.3	49.9	43.1	34.0	27.2	20.4	15.9	11.3	9.1	4.5
-65°	63.5	54.5	45.4	38.6	31.8	25.0	20.4	15.9	11.3	9.1	4.5
-67.5°	56.7	49.9	43.1	36.3	29.5	25.0	20.4	15.9	11.3	6.8	4.5
-70°	52.2	45.4	38.6	34.0	29.5	22.7	20.4	15.9	11.3	6.8	4.5
-72.5°	45.4	40.9	36.3	31.8	27.2	25.0	20.4	15.9	9.1	6.8	4.5
-75°	43.1	38.6	34.0	31.8	29.5	25.0	20.4	13.6	9.1	6.8	4.5
-77.5°	43.1	38.6	36.3	34.0	29.5	25.0	18.2	11.3	6.8	6.8	4.5
-80°	43.1	40.9	38.6	31.8	27.2	20.4	13.6	11.3	6.8	4.5	2.3
-82.5°	38.6	31.8	27.2	22.7	20.4	15.9	11.3	9.1	4.5	4.5	2.3
-85°	25.0	20.4	18.2	15.9	13.6	11.3	6.8	4.5	4.5	2.3	2.3
-87.5°	11.3	11.3	9.1	6.8	6.8	4.5	4.5	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: P724102  
 CATALOG NUMBER: IFLD-S-SA3A-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°	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: P724102  
CATALOG NUMBER: IFLD-S-SA3A-735-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)