

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: P724106

Luminaire Tested: **IFLD-S-SA3E-735-U-22-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P724106
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA3E-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

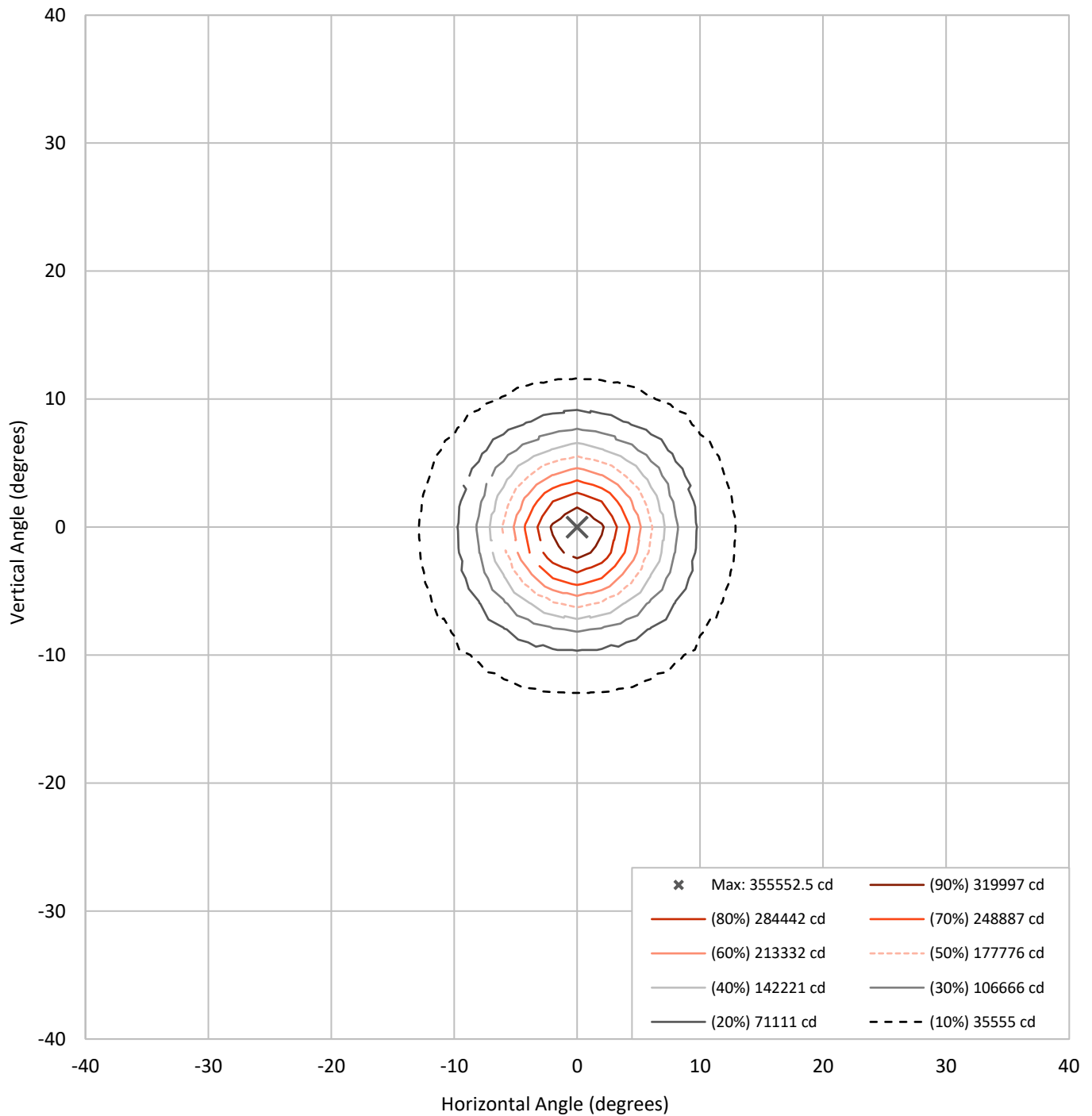
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	24835.5 lumens	Max Intensity:	355552.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	107.0 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	12.2°H x 11.7°V	Field Angle (10%):	25.1°H x 24.3°V
Beam Lumens:	7769.7 lumens	Field Lumens:	17678.8 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





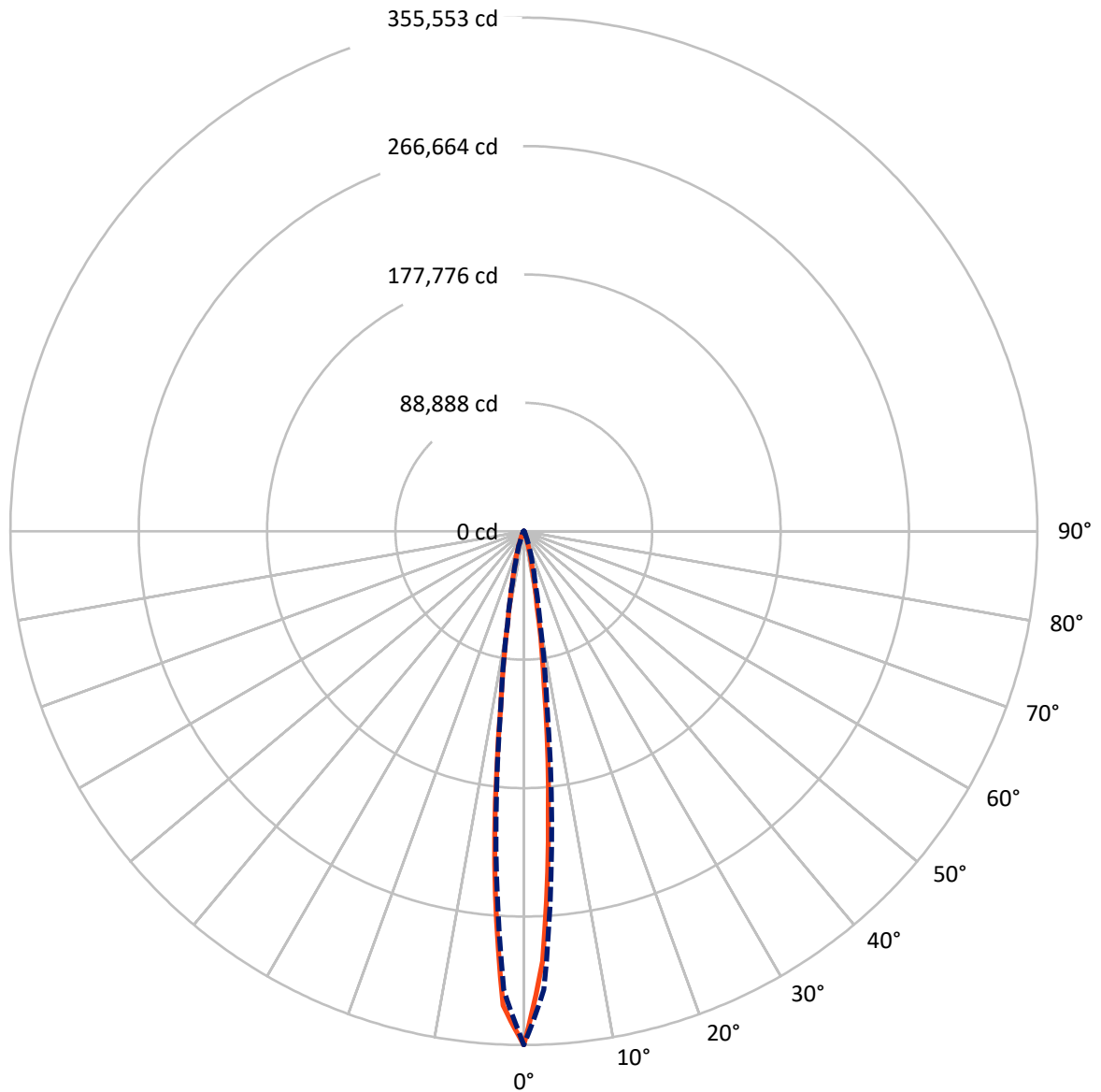
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Lumen Table

90	0.2	1.5		1.3		0.6		0.1		0.6		1.3		1.5		0.2			
80	0.2	1.5		1.3		0.6		0.1		0.6		1.3		1.5		0.2			
70	0.2	0.2	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.2	0.2			
60		0.2	0.3	0.7	1.3	1.9	2.4	2.7	2.7	2.4	1.9	1.3	0.7	0.3	0.2				
50	0.2	0.2	0.8	2.0	3.5	5.0	6.6	7.8	7.8	6.6	5.0	3.5	2.0	0.8	0.2	0.2			
40		0.4	1.7	3.7	6.3	10.0	15.1	18.1	18.1	15.1	10.0	6.3	3.7	1.7	0.4				
30	0.2	0.7	2.7	5.5	10.0	17.2	33.1	53.5	53.5	33.1	17.2	10.0	5.5	2.7	0.7	0.2			
20		1.1	3.6	7.5	15.1	37.5	195.7	495.0	495.0	195.7	37.5	15.1	7.5	3.6	1.1				
10	0.4	1.4	4.2	8.8	18.4	76.1	630.2	3883.4	3883.4	630.2	76.1	18.4	8.8	4.2	1.4	0.4			
0		1.6	4.6	9.3	19.2	86.7	693.4	4276.6	4276.6	693.4	86.7	19.2	9.3	4.6	1.6				
-10	0.5	1.7	4.8	9.2	18.0	52.0	311.2	750.0	750.0	311.2	52.0	18.0	9.2	4.8	1.7	0.5			
-20		1.7	4.8	8.8	15.3	26.5	64.3	120.8	120.8	64.3	26.5	15.3	8.8	4.8	1.7				
-30	0.5	1.5	4.4	8.1	12.7	18.8	26.6	31.2	31.2	26.6	18.8	12.7	8.1	4.4	1.5	0.5			
-40		1.3	3.8	7.3	11.1	14.6	18.5	20.5	20.5	18.5	14.6	11.1	7.3	3.8	1.3				
-50	0.4	1.1	3.0	6.1	9.7	12.8	15.7	17.1	17.1	15.7	12.8	9.7	6.1	3.0	1.1	0.4			
-60		0.8	2.2	4.5	7.4	10.2	12.8	14.2	14.2	12.8	10.2	7.4	4.5	2.2	0.8				
-70	0.2	3.4		9.3		17.2		20.7		17.2		9.3		3.4		0.2			
-80		3.4		9.3		17.2		20.7		17.2		9.3		3.4					
-90	0.2	3.4		9.3		17.2		20.7		17.2		9.3		3.4		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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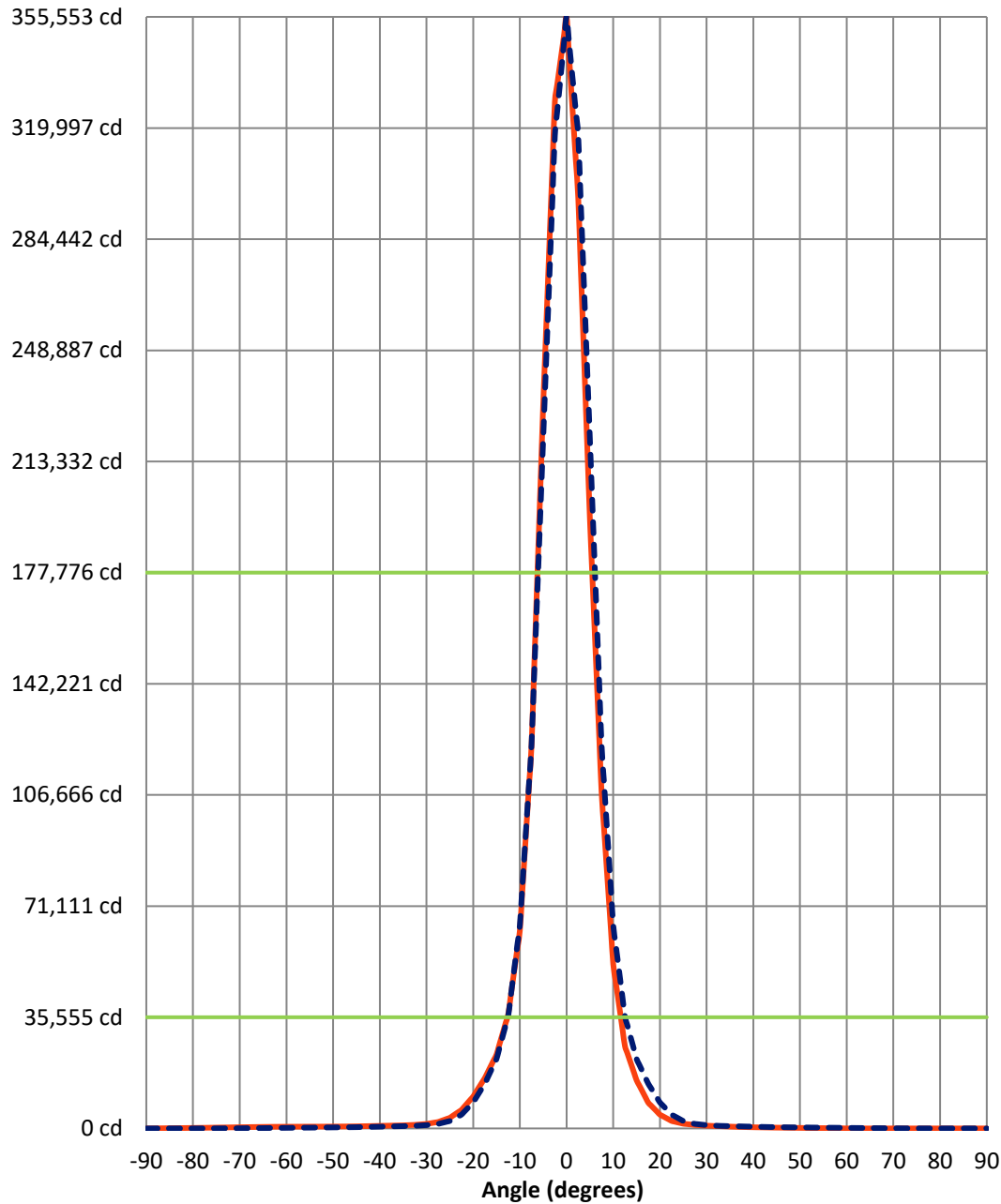
Luminous Intensity Polar Plot



— 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: 7769.7
 Efficiency: 31.3%

Field:
 H Angle: 25.1°
 V Angle: 24.3°
 Lumens: 17678.8
 Efficiency: 71.2%

Spill:
 Lumens: 7156.6
 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	4.4	4.4
85°	0.0	0.0	0.0	0.0	4.4	4.4	4.4	4.4	4.4	8.9	8.9
82.5°	0.0	0.0	0.0	0.0	4.4	4.4	4.4	4.4	8.9	8.9	8.9
80°	0.0	0.0	0.0	0.0	4.4	4.4	4.4	4.4	8.9	8.9	8.9
77.5°	0.0	0.0	0.0	0.0	4.4	4.4	4.4	4.4	4.4	4.4	8.9
75°	0.0	0.0	0.0	0.0	4.4	4.4	4.4	4.4	4.4	4.4	4.4
72.5°	0.0	0.0	0.0	0.0	4.4	4.4	4.4	4.4	4.4	4.4	4.4
70°	0.0	0.0	0.0	0.0	4.4	4.4	4.4	4.4	4.4	4.4	4.4
67.5°	0.0	0.0	0.0	0.0	4.4	4.4	4.4	4.4	4.4	4.4	4.4
65°	0.0	0.0	0.0	0.0	4.4	4.4	4.4	4.4	4.4	4.4	4.4
62.5°	0.0	0.0	0.0	0.0	4.4	4.4	4.4	4.4	4.4	4.4	4.4
60°	8.9	8.9	8.9	8.9	13.3	13.3	17.8	17.8	17.8	8.9	17.8
57.5°	71.2	71.2	66.7	62.3	57.8	53.4	53.4	53.4	53.4	53.4	44.5
55°	97.9	97.9	97.9	93.4	93.4	89.0	84.5	80.1	80.1	75.6	71.2
52.5°	115.7	115.7	115.7	115.7	111.2	111.2	111.2	106.8	97.9	97.9	93.4
50°	164.6	160.2	160.2	160.2	160.2	151.3	146.8	137.9	133.5	129.0	124.6
47.5°	213.6	213.6	209.1	209.1	204.7	195.8	186.9	178.0	169.1	164.6	155.7
45°	253.6	253.6	249.2	249.2	244.7	235.8	222.5	209.1	200.2	191.3	182.4
42.5°	311.5	307.0	302.6	298.1	289.2	275.9	258.1	240.3	226.9	213.6	204.7
40°	373.7	373.7	369.3	364.8	351.5	338.2	315.9	293.7	271.4	244.7	231.4
37.5°	449.4	453.8	458.3	458.3	449.4	431.6	400.4	373.7	338.2	302.6	284.8
35°	587.3	587.3	596.2	596.2	582.9	560.6	538.4	480.5	436.0	391.5	351.5
32.5°	738.6	743.0	725.2	711.9	694.1	667.4	627.4	578.4	529.5	471.6	427.1
30°	885.4	885.4	863.2	836.5	800.9	756.4	707.4	654.1	596.2	538.4	485.0
27.5°	1116.8	1094.5	1076.7	1032.3	970.0	885.4	823.1	738.6	663.0	596.2	538.4
25°	1499.4	1495.0	1454.9	1379.3	1254.7	1121.2	1018.9	876.5	760.8	658.5	591.8
22.5°	2384.9	2353.7	2260.3	2073.4	1779.7	1548.4	1339.3	1116.8	907.7	769.7	663.0
20°	4409.3	4307.0	4057.8	3541.7	2883.2	2429.3	1908.8	1535.0	1183.5	925.5	765.3
17.5°	8226.9	8160.1	8066.7	6874.3	5535.0	4573.9	3403.8	2353.7	1681.9	1210.2	907.7
15°	15421.5	14927.6	13895.3	12467.1	10593.9	8186.8	6020.0	3799.7	2402.7	1610.7	1152.4
12.5°	26362.4	25815.2	23150.0	19577.2	16209.0	12783.0	8974.4	5775.3	3421.6	2046.7	1366.0
10°	52529.1	48555.8	41094.2	30669.4	23937.5	17850.8	12600.6	7879.8	4453.8	2585.1	1619.6
7.5°	107589.9	94606.7	72902.7	51465.7	33312.3	23412.5	16093.3	10304.7	5935.4	3234.7	1850.9
5°	195001.9	171967.6	129556.3	78010.6	48373.4	29343.5	19096.6	12253.5	7025.5	3764.2	2082.3
2.5°	297755.3	267958.0	187304.5	107269.5	59648.1	33935.2	21196.7	13534.9	7719.6	4124.6	2260.3
0°	355552.5	317599.5	220581.3	122811.1	65018.4	35884.1	22224.5	14304.7	8306.9	4418.2	2376.0
-2.5°	328442.5	297888.8	202717.1	114081.5	62130.8	35029.8	22371.4	14496.0	8404.8	4498.3	2429.3
-5°	231486.6	206410.1	140265.9	84186.3	52716.0	32266.7	21107.7	13775.2	8133.4	4382.6	2407.1
-7.5°	122468.5	111122.7	83185.2	60493.4	38478.0	27310.1	19003.2	12498.2	7430.4	4071.2	2273.6
-10°	63274.3	60947.3	52520.2	39590.4	31136.6	22878.6	16217.9	10687.4	6211.3	3506.1	2046.7
-12.5°	36480.3	36084.3	33374.6	28649.4	23875.2	18794.1	13308.0	8716.3	5183.5	2905.4	1726.4
-15°	23621.6	23790.7	22847.4	20880.8	18162.3	14064.4	10224.6	6482.7	3835.3	2353.7	1521.7
-17.5°	16120.0	16075.5	15635.0	14286.9	12097.8	9499.4	6776.4	4578.4	2905.4	1833.1	1263.6
-20°	10197.9	10215.7	9806.4	8876.5	7265.8	5855.4	4218.0	3087.9	2060.1	1441.6	1116.8



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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°	5917.6	5931.0	5672.9	5147.9	4302.5	3470.5	2740.8	2042.3	1517.2	1201.3	978.9
-25°	3399.3	3345.9	3243.6	2990.0	2594.0	2140.1	1819.8	1437.1	1214.7	1018.9	894.3
-27.5°	2060.1	2024.5	1971.1	1859.8	1704.1	1477.2	1330.4	1161.3	1032.3	916.6	840.9
-30°	1437.1	1450.5	1406.0	1348.2	1277.0	1174.6	1094.5	1014.5	929.9	858.7	787.5
-32.5°	1143.5	1152.4	1130.1	1107.9	1072.3	1032.3	983.3	925.5	858.7	792.0	725.2
-35°	983.3	987.8	987.8	983.3	974.4	943.3	907.7	854.3	792.0	729.7	671.9
-37.5°	903.2	907.7	907.7	903.2	889.9	863.2	827.6	783.1	725.2	667.4	622.9
-40°	818.7	823.1	818.7	809.8	796.4	769.7	743.0	707.4	663.0	614.0	574.0
-42.5°	738.6	734.1	729.7	720.8	707.4	689.7	667.4	640.7	609.6	574.0	542.8
-45°	663.0	663.0	658.5	654.1	645.2	631.8	618.5	596.2	574.0	547.3	520.6
-47.5°	622.9	622.9	618.5	614.0	609.6	600.7	587.3	569.5	551.7	529.5	507.2
-50°	596.2	596.2	596.2	591.8	587.3	578.4	565.1	551.7	533.9	511.7	489.4
-52.5°	578.4	578.4	578.4	574.0	569.5	565.1	551.7	533.9	511.7	493.9	476.1
-55°	569.5	565.1	565.1	560.6	556.2	551.7	533.9	516.1	498.3	480.5	462.7
-57.5°	556.2	551.7	551.7	547.3	542.8	538.4	520.6	502.8	485.0	462.7	449.4
-60°	542.8	538.4	538.4	529.5	525.0	520.6	502.8	485.0	467.2	449.4	431.6
-62.5°	525.0	520.6	516.1	511.7	502.8	493.9	480.5	462.7	440.5	422.7	404.9
-65°	485.0	480.5	476.1	471.6	467.2	462.7	449.4	427.1	409.3	391.5	373.7
-67.5°	436.0	436.0	436.0	427.1	422.7	413.8	404.9	387.1	369.3	351.5	338.2
-70°	378.2	378.2	378.2	369.3	364.8	360.4	347.0	333.7	320.4	307.0	289.2
-72.5°	320.4	315.9	315.9	311.5	302.6	298.1	289.2	280.3	267.0	258.1	244.7
-75°	262.5	258.1	258.1	253.6	249.2	244.7	235.8	231.4	222.5	213.6	200.2
-77.5°	209.1	209.1	209.1	204.7	200.2	195.8	191.3	186.9	182.4	173.5	164.6
-80°	160.2	160.2	160.2	160.2	160.2	160.2	160.2	155.7	146.8	142.4	137.9
-82.5°	115.7	120.1	120.1	120.1	120.1	120.1	120.1	120.1	115.7	111.2	106.8
-85°	75.6	80.1	80.1	84.5	89.0	89.0	93.4	89.0	84.5	75.6	71.2
-87.5°	40.0	40.0	40.0	40.0	40.0	40.0	40.0	35.6	35.6	35.6	31.1
-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°	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	8.9	8.9	8.9
85°	8.9	8.9	8.9	8.9	13.3	13.3	13.3	17.8	17.8	17.8	17.8
82.5°	8.9	13.3	13.3	13.3	17.8	17.8	22.2	26.7	35.6	40.0	40.0
80°	8.9	13.3	13.3	13.3	17.8	17.8	22.2	22.2	26.7	31.1	40.0
77.5°	8.9	8.9	13.3	13.3	13.3	17.8	17.8	22.2	22.2	26.7	31.1
75°	4.4	8.9	8.9	8.9	13.3	13.3	17.8	17.8	22.2	22.2	26.7
72.5°	4.4	8.9	8.9	8.9	13.3	13.3	17.8	17.8	17.8	22.2	22.2
70°	4.4	8.9	8.9	8.9	8.9	13.3	13.3	13.3	17.8	17.8	17.8
67.5°	4.4	4.4	4.4	8.9	8.9	8.9	8.9	13.3	13.3	13.3	17.8
65°	4.4	4.4	4.4	4.4	8.9	8.9	8.9	8.9	13.3	13.3	13.3
62.5°	4.4	4.4	4.4	8.9	8.9	8.9	8.9	8.9	13.3	13.3	13.3
60°	17.8	17.8	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3
57.5°	40.0	40.0	35.6	31.1	26.7	26.7	22.2	17.8	17.8	13.3	13.3
55°	66.7	62.3	57.8	48.9	44.5	40.0	35.6	26.7	22.2	17.8	13.3
52.5°	84.5	80.1	75.6	71.2	62.3	53.4	48.9	44.5	35.6	26.7	22.2
50°	124.6	111.2	102.3	93.4	84.5	75.6	66.7	62.3	48.9	40.0	31.1
47.5°	151.3	142.4	129.0	120.1	111.2	97.9	84.5	75.6	66.7	53.4	40.0
45°	173.5	164.6	151.3	142.4	133.5	120.1	106.8	93.4	84.5	71.2	53.4
42.5°	195.8	186.9	173.5	164.6	151.3	137.9	124.6	111.2	97.9	89.0	71.2
40°	226.9	213.6	195.8	186.9	178.0	160.2	142.4	129.0	115.7	102.3	84.5
37.5°	267.0	253.6	231.4	213.6	200.2	186.9	169.1	151.3	137.9	120.1	102.3
35°	329.3	307.0	275.9	249.2	231.4	213.6	191.3	173.5	155.7	137.9	120.1
32.5°	391.5	355.9	315.9	284.8	258.1	235.8	213.6	195.8	173.5	151.3	133.5
30°	440.5	400.4	360.4	315.9	284.8	258.1	235.8	213.6	191.3	169.1	146.8
27.5°	489.4	444.9	400.4	355.9	311.5	275.9	253.6	231.4	209.1	186.9	160.2
25°	538.4	489.4	444.9	396.0	342.6	302.6	271.4	253.6	231.4	204.7	173.5
22.5°	582.9	538.4	493.9	440.5	378.2	324.8	293.7	271.4	249.2	218.0	191.3
20°	667.4	609.6	556.2	489.4	418.2	364.8	324.8	293.7	267.0	235.8	204.7
17.5°	778.6	694.1	622.9	547.3	476.1	409.3	351.5	315.9	289.2	253.6	218.0
15°	921.0	774.2	685.2	609.6	525.0	449.4	387.1	338.2	302.6	267.0	235.8
12.5°	1027.8	836.5	738.6	667.4	578.4	493.9	413.8	355.9	315.9	280.3	244.7
10°	1147.9	903.2	783.1	703.0	609.6	516.1	431.6	369.3	324.8	293.7	258.1
7.5°	1245.8	956.6	805.3	716.3	627.4	533.9	449.4	382.6	338.2	302.6	267.0
5°	1334.8	1001.1	823.1	720.8	636.3	547.3	458.3	391.5	347.0	311.5	275.9
2.5°	1397.1	1041.1	840.9	729.7	645.2	556.2	471.6	400.4	355.9	320.4	284.8
0°	1450.5	1054.5	836.5	729.7	649.6	556.2	476.1	404.9	360.4	324.8	289.2
-2.5°	1468.3	1076.7	858.7	738.6	658.5	565.1	485.0	409.3	364.8	329.3	298.1
-5°	1468.3	1058.9	858.7	747.5	663.0	569.5	485.0	413.8	369.3	333.7	298.1
-7.5°	1414.9	1032.3	854.3	756.4	667.4	574.0	485.0	418.2	373.7	338.2	302.6
-10°	1321.5	992.2	849.8	760.8	667.4	569.5	485.0	418.2	373.7	338.2	307.0
-12.5°	1170.2	938.8	827.6	751.9	658.5	560.6	480.5	418.2	373.7	342.6	307.0
-15°	1094.5	894.3	800.9	725.2	636.3	547.3	471.6	413.8	373.7	342.6	311.5
-17.5°	992.2	858.7	774.2	698.5	618.5	533.9	462.7	413.8	373.7	338.2	311.5
-20°	921.0	818.7	743.0	676.3	596.2	520.6	458.3	409.3	373.7	338.2	311.5



REPORT NUMBER: P724106
 CATALOG NUMBER: IFLD-S-SA3E-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°	858.7	774.2	707.4	640.7	569.5	502.8	449.4	404.9	369.3	338.2	311.5
-25°	809.8	734.1	671.9	609.6	547.3	489.4	440.5	400.4	364.8	338.2	307.0
-27.5°	765.3	694.1	636.3	578.4	520.6	476.1	431.6	396.0	364.8	333.7	302.6
-30°	716.3	658.5	600.7	547.3	507.2	462.7	422.7	387.1	360.4	329.3	298.1
-32.5°	667.4	614.0	565.1	525.0	489.4	453.8	418.2	382.6	351.5	320.4	289.2
-35°	622.9	574.0	538.4	502.8	476.1	444.9	409.3	373.7	347.0	315.9	289.2
-37.5°	578.4	542.8	511.7	485.0	458.3	431.6	396.0	364.8	338.2	307.0	275.9
-40°	542.8	516.1	493.9	471.6	444.9	413.8	387.1	355.9	329.3	298.1	262.5
-42.5°	520.6	498.3	476.1	453.8	431.6	404.9	378.2	347.0	320.4	289.2	253.6
-45°	498.3	480.5	462.7	444.9	422.7	396.0	364.8	333.7	307.0	275.9	249.2
-47.5°	485.0	467.2	449.4	436.0	418.2	382.6	355.9	324.8	293.7	267.0	235.8
-50°	471.6	453.8	440.5	422.7	400.4	369.3	342.6	311.5	284.8	253.6	226.9
-52.5°	458.3	440.5	422.7	404.9	382.6	355.9	329.3	302.6	271.4	240.3	213.6
-55°	444.9	427.1	409.3	391.5	369.3	347.0	320.4	284.8	253.6	222.5	195.8
-57.5°	431.6	418.2	396.0	373.7	351.5	329.3	298.1	267.0	235.8	204.7	182.4
-60°	413.8	396.0	378.2	351.5	329.3	302.6	275.9	249.2	218.0	191.3	169.1
-62.5°	387.1	369.3	351.5	324.8	302.6	280.3	258.1	226.9	204.7	178.0	155.7
-65°	355.9	338.2	320.4	298.1	275.9	253.6	235.8	209.1	186.9	164.6	146.8
-67.5°	320.4	302.6	289.2	267.0	249.2	226.9	209.1	186.9	164.6	146.8	129.0
-70°	275.9	262.5	249.2	231.4	213.6	195.8	178.0	160.2	142.4	129.0	111.2
-72.5°	235.8	222.5	209.1	195.8	182.4	164.6	151.3	137.9	124.6	111.2	102.3
-75°	191.3	182.4	173.5	164.6	151.3	137.9	129.0	115.7	106.8	97.9	93.4
-77.5°	160.2	151.3	142.4	133.5	124.6	115.7	106.8	97.9	93.4	89.0	84.5
-80°	129.0	124.6	120.1	111.2	106.8	97.9	93.4	84.5	84.5	84.5	84.5
-82.5°	102.3	97.9	93.4	89.0	84.5	80.1	80.1	75.6	80.1	80.1	75.6
-85°	71.2	66.7	62.3	62.3	57.8	57.8	53.4	53.4	53.4	48.9	48.9
-87.5°	31.1	31.1	31.1	31.1	26.7	26.7	26.7	26.7	26.7	22.2	22.2
-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: P724106
 CATALOG NUMBER: IFLD-S-SA3E-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°	8.9	8.9	4.4	4.4	4.4	4.4	4.4	4.4	4.4	0.0	0.0
85°	17.8	17.8	13.3	13.3	13.3	8.9	8.9	4.4	4.4	4.4	4.4
82.5°	40.0	35.6	31.1	26.7	22.2	17.8	13.3	8.9	8.9	4.4	4.4
80°	48.9	48.9	48.9	44.5	35.6	26.7	17.8	13.3	8.9	4.4	4.4
77.5°	35.6	35.6	40.0	44.5	44.5	35.6	22.2	13.3	8.9	8.9	4.4
75°	26.7	26.7	26.7	31.1	35.6	35.6	26.7	17.8	8.9	8.9	4.4
72.5°	26.7	26.7	26.7	26.7	26.7	26.7	26.7	17.8	13.3	8.9	8.9
70°	22.2	22.2	22.2	22.2	22.2	22.2	22.2	17.8	13.3	8.9	8.9
67.5°	17.8	17.8	22.2	22.2	22.2	17.8	17.8	17.8	13.3	8.9	8.9
65°	13.3	17.8	17.8	22.2	17.8	17.8	17.8	13.3	13.3	8.9	8.9
62.5°	13.3	13.3	17.8	17.8	17.8	17.8	13.3	13.3	13.3	8.9	8.9
60°	13.3	13.3	13.3	17.8	13.3	13.3	13.3	13.3	13.3	8.9	8.9
57.5°	13.3	13.3	13.3	13.3	13.3	13.3	13.3	8.9	8.9	8.9	8.9
55°	13.3	13.3	13.3	13.3	13.3	13.3	8.9	8.9	8.9	8.9	8.9
52.5°	17.8	13.3	13.3	13.3	13.3	13.3	8.9	8.9	8.9	8.9	8.9
50°	22.2	13.3	13.3	13.3	13.3	8.9	8.9	8.9	8.9	8.9	8.9
47.5°	31.1	22.2	17.8	13.3	13.3	8.9	8.9	8.9	8.9	8.9	4.4
45°	44.5	31.1	22.2	17.8	13.3	8.9	8.9	8.9	8.9	8.9	4.4
42.5°	53.4	40.0	26.7	22.2	17.8	13.3	8.9	8.9	8.9	4.4	4.4
40°	66.7	53.4	35.6	26.7	17.8	13.3	8.9	8.9	8.9	4.4	4.4
37.5°	84.5	66.7	44.5	31.1	22.2	13.3	13.3	8.9	8.9	4.4	4.4
35°	97.9	75.6	57.8	35.6	26.7	17.8	13.3	8.9	8.9	4.4	4.4
32.5°	111.2	89.0	71.2	44.5	31.1	22.2	17.8	8.9	8.9	4.4	4.4
30°	124.6	102.3	80.1	57.8	40.0	26.7	17.8	8.9	8.9	4.4	4.4
27.5°	137.9	111.2	89.0	66.7	44.5	31.1	22.2	13.3	8.9	4.4	4.4
25°	151.3	124.6	97.9	75.6	48.9	35.6	22.2	13.3	8.9	8.9	4.4
22.5°	160.2	137.9	111.2	84.5	57.8	40.0	26.7	17.8	8.9	8.9	4.4
20°	173.5	151.3	120.1	93.4	66.7	44.5	26.7	17.8	8.9	8.9	4.4
17.5°	186.9	160.2	129.0	102.3	75.6	48.9	31.1	22.2	8.9	8.9	4.4
15°	200.2	169.1	137.9	106.8	80.1	53.4	31.1	22.2	8.9	8.9	4.4
12.5°	213.6	182.4	146.8	115.7	84.5	57.8	35.6	26.7	13.3	8.9	4.4
10°	222.5	191.3	155.7	120.1	89.0	66.7	40.0	26.7	13.3	8.9	4.4
7.5°	235.8	200.2	164.6	129.0	93.4	71.2	44.5	26.7	13.3	8.9	4.4
5°	240.3	209.1	169.1	137.9	97.9	75.6	48.9	31.1	13.3	8.9	4.4
2.5°	244.7	218.0	173.5	142.4	102.3	75.6	48.9	31.1	17.8	8.9	4.4
0°	249.2	222.5	178.0	146.8	106.8	80.1	53.4	31.1	17.8	8.9	4.4
-2.5°	253.6	226.9	186.9	151.3	111.2	84.5	57.8	31.1	17.8	8.9	4.4
-5°	258.1	226.9	195.8	155.7	115.7	84.5	57.8	35.6	22.2	8.9	4.4
-7.5°	262.5	231.4	200.2	160.2	120.1	84.5	62.3	35.6	22.2	13.3	4.4
-10°	267.0	235.8	204.7	164.6	120.1	89.0	62.3	35.6	22.2	13.3	4.4
-12.5°	271.4	240.3	204.7	164.6	124.6	89.0	62.3	40.0	22.2	13.3	4.4
-15°	275.9	240.3	204.7	164.6	124.6	93.4	66.7	40.0	22.2	13.3	8.9
-17.5°	275.9	240.3	204.7	169.1	124.6	93.4	66.7	40.0	22.2	13.3	8.9
-20°	275.9	240.3	204.7	169.1	124.6	93.4	66.7	40.0	22.2	13.3	8.9



REPORT NUMBER: P724106
 CATALOG NUMBER: IFLD-S-SA3E-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°	271.4	235.8	204.7	164.6	124.6	93.4	66.7	40.0	26.7	13.3	8.9
-25°	271.4	235.8	204.7	164.6	124.6	93.4	62.3	40.0	26.7	13.3	8.9
-27.5°	267.0	235.8	200.2	160.2	120.1	89.0	62.3	40.0	26.7	13.3	8.9
-30°	262.5	231.4	195.8	155.7	120.1	89.0	62.3	40.0	26.7	13.3	8.9
-32.5°	258.1	222.5	191.3	151.3	115.7	84.5	62.3	40.0	26.7	13.3	8.9
-35°	249.2	218.0	182.4	146.8	111.2	84.5	57.8	40.0	26.7	17.8	8.9
-37.5°	240.3	209.1	178.0	142.4	106.8	80.1	57.8	40.0	26.7	17.8	8.9
-40°	231.4	204.7	169.1	133.5	102.3	75.6	57.8	40.0	26.7	17.8	13.3
-42.5°	222.5	195.8	164.6	129.0	102.3	75.6	53.4	40.0	26.7	17.8	13.3
-45°	218.0	191.3	155.7	124.6	97.9	75.6	53.4	35.6	26.7	17.8	13.3
-47.5°	209.1	178.0	146.8	120.1	93.4	71.2	48.9	35.6	26.7	17.8	13.3
-50°	195.8	169.1	142.4	115.7	89.0	66.7	48.9	35.6	26.7	17.8	13.3
-52.5°	182.4	155.7	133.5	106.8	84.5	66.7	48.9	35.6	26.7	17.8	13.3
-55°	169.1	146.8	124.6	102.3	80.1	62.3	44.5	35.6	26.7	17.8	13.3
-57.5°	160.2	137.9	115.7	93.4	75.6	57.8	44.5	31.1	22.2	17.8	13.3
-60°	151.3	129.0	106.8	89.0	71.2	57.8	44.5	31.1	22.2	17.8	8.9
-62.5°	137.9	120.1	97.9	84.5	66.7	53.4	40.0	31.1	22.2	17.8	8.9
-65°	124.6	106.8	89.0	75.6	62.3	48.9	40.0	31.1	22.2	17.8	8.9
-67.5°	111.2	97.9	84.5	71.2	57.8	48.9	40.0	31.1	22.2	13.3	8.9
-70°	102.3	89.0	75.6	66.7	57.8	44.5	40.0	31.1	22.2	13.3	8.9
-72.5°	89.0	80.1	71.2	62.3	53.4	48.9	40.0	31.1	17.8	13.3	8.9
-75°	84.5	75.6	66.7	62.3	57.8	48.9	40.0	26.7	17.8	13.3	8.9
-77.5°	84.5	75.6	71.2	66.7	57.8	48.9	35.6	22.2	13.3	13.3	8.9
-80°	84.5	80.1	75.6	62.3	53.4	40.0	26.7	22.2	13.3	8.9	4.4
-82.5°	75.6	62.3	53.4	44.5	40.0	31.1	22.2	17.8	8.9	8.9	4.4
-85°	48.9	40.0	35.6	31.1	26.7	22.2	13.3	8.9	8.9	4.4	4.4
-87.5°	22.2	22.2	17.8	13.3	13.3	8.9	8.9	4.4	4.4	4.4	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: P724106
 CATALOG NUMBER: IFLD-S-SA3E-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°	4.4	0.0	0.0	0.0
77.5°	4.4	0.0	0.0	0.0
75°	4.4	4.4	0.0	0.0
72.5°	4.4	4.4	0.0	0.0
70°	4.4	4.4	0.0	0.0
67.5°	4.4	4.4	0.0	0.0
65°	4.4	4.4	0.0	0.0
62.5°	4.4	4.4	0.0	0.0
60°	4.4	4.4	0.0	0.0
57.5°	4.4	4.4	4.4	0.0
55°	4.4	4.4	4.4	0.0
52.5°	4.4	4.4	4.4	0.0
50°	4.4	4.4	4.4	0.0
47.5°	4.4	4.4	4.4	0.0
45°	4.4	4.4	4.4	0.0
42.5°	4.4	4.4	4.4	0.0
40°	4.4	4.4	4.4	0.0
37.5°	4.4	4.4	4.4	0.0
35°	4.4	4.4	4.4	0.0
32.5°	4.4	4.4	4.4	0.0
30°	4.4	4.4	4.4	0.0
27.5°	4.4	4.4	4.4	0.0
25°	4.4	4.4	4.4	0.0
22.5°	4.4	4.4	4.4	0.0
20°	4.4	4.4	4.4	0.0
17.5°	4.4	4.4	4.4	0.0
15°	4.4	4.4	4.4	0.0
12.5°	4.4	4.4	4.4	0.0
10°	4.4	4.4	4.4	0.0
7.5°	4.4	4.4	4.4	0.0
5°	4.4	4.4	4.4	0.0
2.5°	4.4	4.4	4.4	0.0
0°	4.4	4.4	4.4	0.0
-2.5°	4.4	4.4	4.4	0.0
-5°	4.4	4.4	4.4	0.0
-7.5°	4.4	4.4	4.4	0.0
-10°	4.4	4.4	4.4	0.0
-12.5°	4.4	4.4	4.4	0.0
-15°	4.4	4.4	4.4	0.0
-17.5°	4.4	4.4	4.4	0.0
-20°	4.4	4.4	4.4	0.0



REPORT NUMBER: P724106
CATALOG NUMBER: IFLD-S-SA3E-735-U-22-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	4.4	4.4	4.4	0.0
-25°	4.4	4.4	4.4	0.0
-27.5°	4.4	4.4	4.4	0.0
-30°	4.4	4.4	4.4	0.0
-32.5°	4.4	4.4	4.4	0.0
-35°	4.4	4.4	4.4	0.0
-37.5°	4.4	4.4	4.4	0.0
-40°	4.4	4.4	4.4	0.0
-42.5°	4.4	4.4	4.4	0.0
-45°	4.4	4.4	4.4	0.0
-47.5°	4.4	4.4	4.4	0.0
-50°	4.4	4.4	4.4	0.0
-52.5°	4.4	4.4	4.4	0.0
-55°	4.4	4.4	4.4	0.0
-57.5°	4.4	4.4	4.4	0.0
-60°	4.4	4.4	0.0	0.0
-62.5°	4.4	4.4	0.0	0.0
-65°	4.4	4.4	0.0	0.0
-67.5°	4.4	4.4	0.0	0.0
-70°	4.4	4.4	0.0	0.0
-72.5°	4.4	4.4	0.0	0.0
-75°	4.4	4.4	0.0	0.0
-77.5°	4.4	0.0	0.0	0.0
-80°	4.4	0.0	0.0	0.0
-82.5°	4.4	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)