

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: P724249

Luminaire Tested: **IFLD-S-SA3C-830-U-22-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P724249
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA3C-830-U-22-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 2 distribution lens and Visor
Light Source: (48) 3000K CCT, 80 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

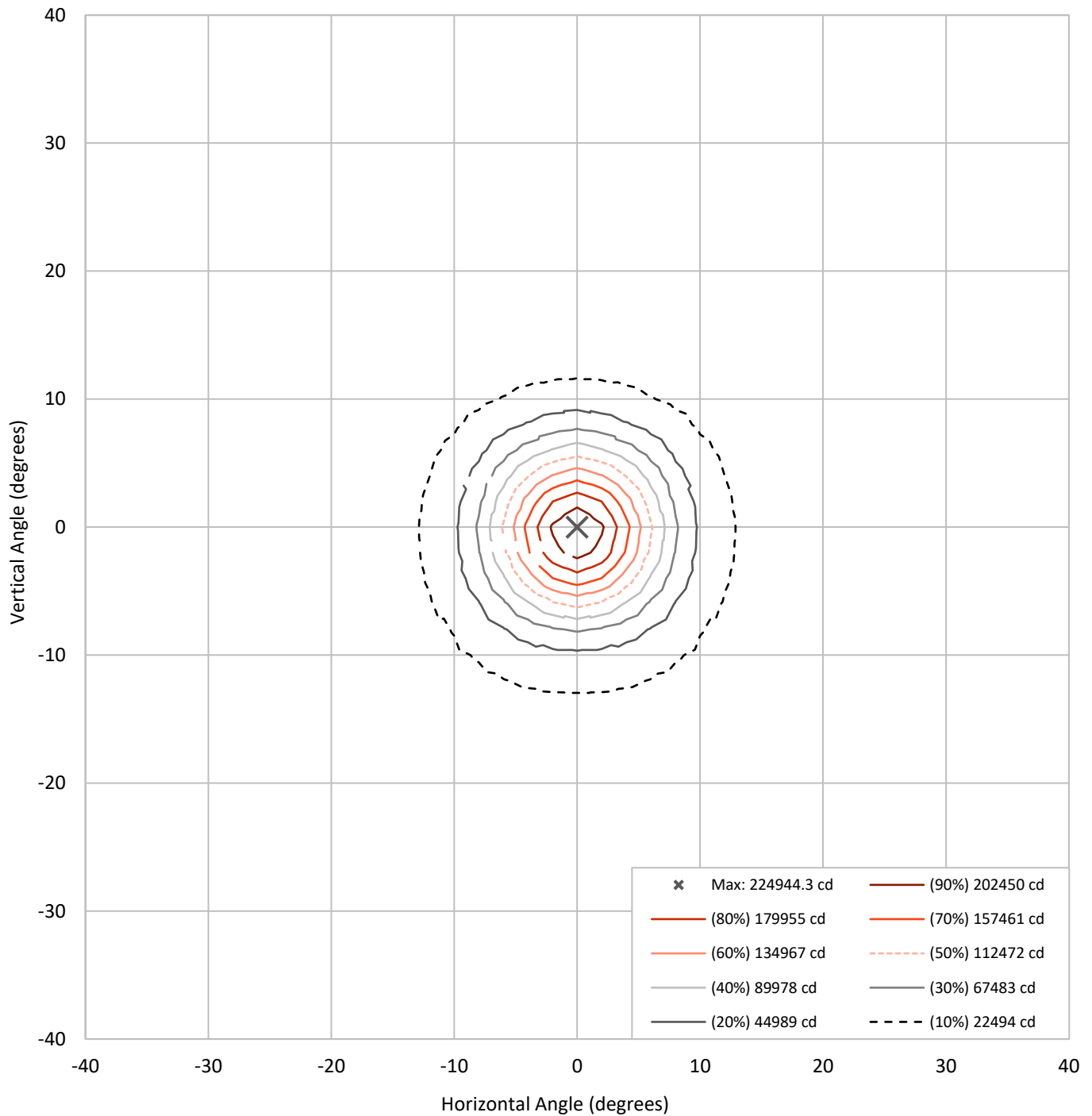
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	15712.4 lumens	Max Intensity:	224944.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	97.7 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	12.2°H x 11.7°V	Field Angle (10%):	25.1°H x 24.3°V
Beam Lumens:	4915.6 lumens	Field Lumens:	11184.7 lumens
Beam Efficiency:	31.3%	Field Efficiency:	71.2%

Input Watts (W): 160.8
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





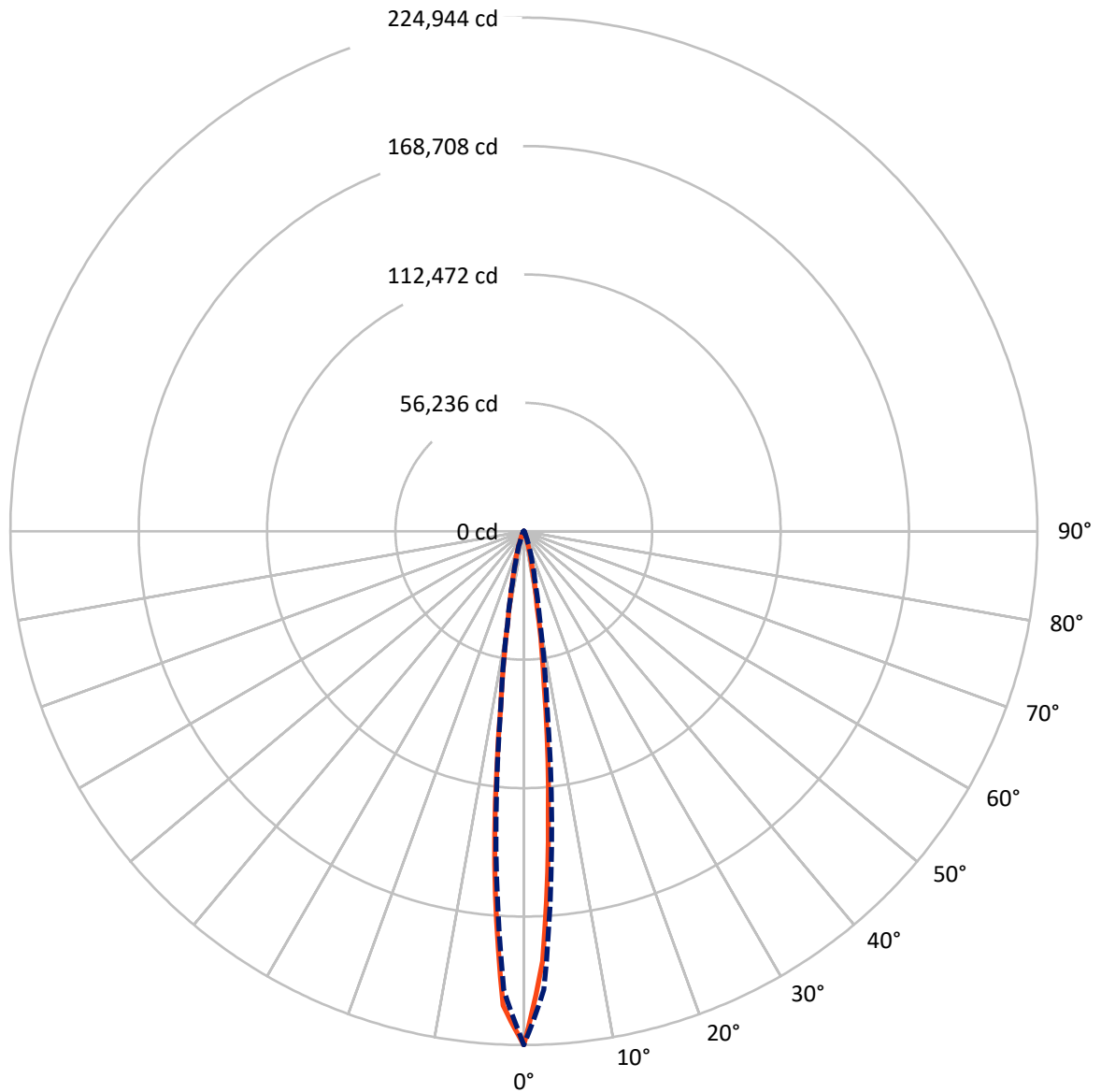
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Lumen Table

90	0.1	0.9	0.8	0.4	0.0	0.4	0.8	0.9	0.1						
80	0.1	0.9	0.8	0.4	0.0	0.4	0.8	0.9	0.1						
70	0.1	0.2	0.2	0.2	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.1
60		0.1	0.2	0.4	0.8	1.2	1.5	1.7	1.7	1.5	1.2	0.8	0.4	0.2	
50	0.1	0.1	0.5	1.3	2.2	3.2	4.2	4.9	4.9	4.2	3.2	2.2	1.3	0.5	0.1
40		0.3	1.1	2.4	4.0	6.3	9.6	11.4	11.4	9.6	6.3	4.0	2.4	1.1	
30	0.2	0.5	1.7	3.5	6.3	10.9	21.0	33.8	33.8	21.0	10.9	6.3	3.5	1.7	0.2
20		0.7	2.2	4.7	9.6	23.7	123.8	313.2	313.2	123.8	23.7	9.6	4.7	2.2	
10	0.3	0.9	2.7	5.6	11.7	48.1	398.7	2456.9	2456.9	398.7	48.1	11.7	5.6	2.7	0.3
0		1.0	2.9	5.9	12.2	54.9	438.7	2705.7	2705.7	438.7	54.9	12.2	5.9	2.9	
-10	0.3	1.1	3.1	5.8	11.4	32.9	196.9	474.5	474.5	196.9	32.9	11.4	5.8	3.1	0.3
-20		1.1	3.0	5.5	9.7	16.7	40.7	76.4	76.4	40.7	16.7	9.7	5.5	3.0	
-30	0.3	1.0	2.8	5.1	8.0	11.9	16.8	19.7	19.7	16.8	11.9	8.0	5.1	2.8	0.3
-40		0.8	2.4	4.6	7.0	9.2	11.7	13.0	13.0	11.7	9.2	7.0	4.6	2.4	
-50	0.3	0.7	1.9	3.9	6.1	8.1	9.9	10.8	10.8	9.9	8.1	6.1	3.9	1.9	0.3
-60		0.5	1.4	2.8	4.7	6.4	8.1	9.0	9.0	8.1	6.4	4.7	2.8	1.4	
-70	0.2	0.7	1.9	3.9	6.1	8.1	9.9	10.8	10.8	9.9	8.1	6.1	3.9	1.9	0.2
-80		0.5	1.4	2.8	4.7	6.4	8.1	9.0	9.0	8.1	6.4	4.7	2.8	1.4	
-90	0.2	2.1	5.9	10.9	13.1	10.9	5.9	2.1	0.2						

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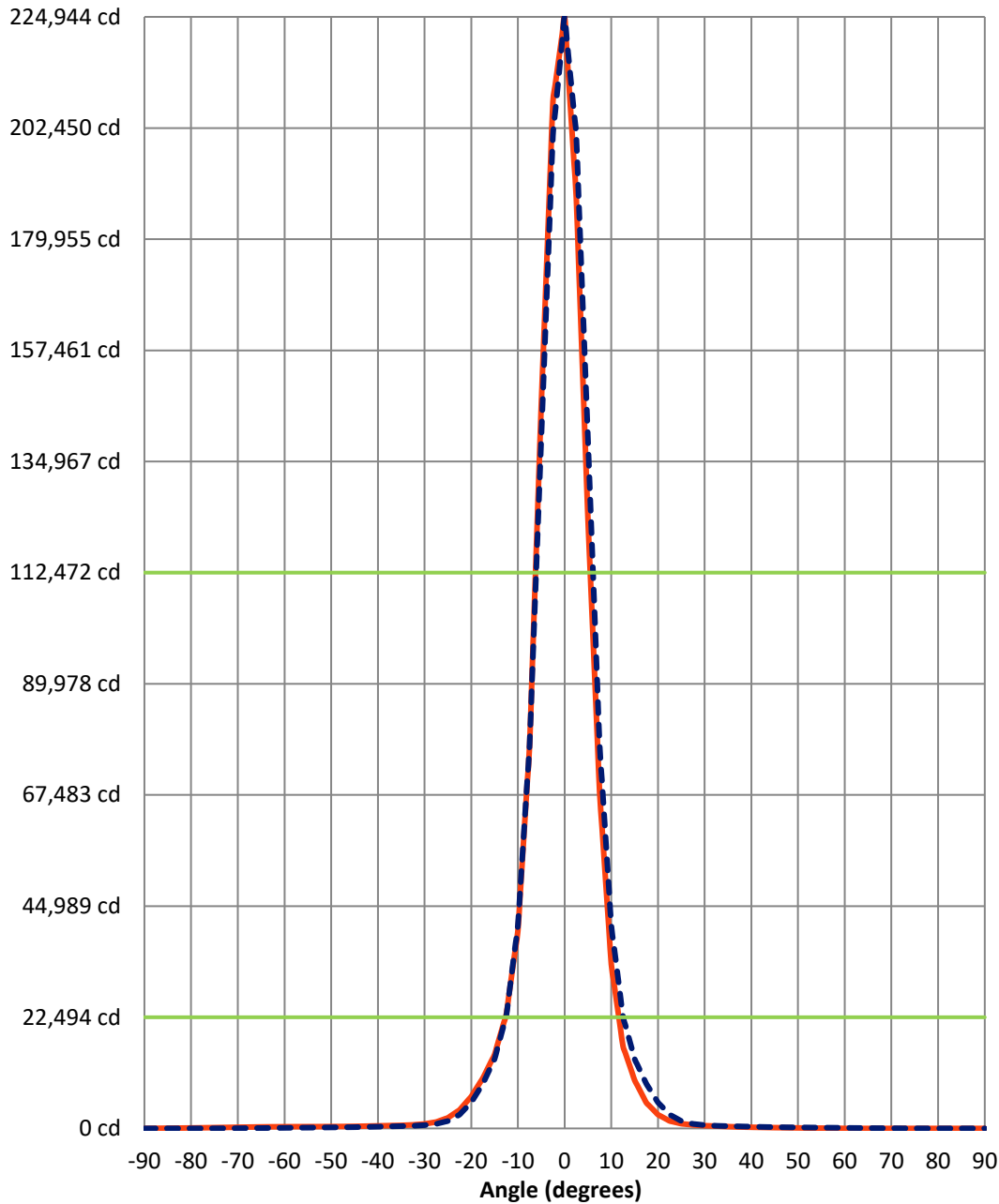
Luminous Intensity Polar Plot



— 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: 4915.6
Efficiency: 31.3%

Field:
H Angle: 25.1°
V Angle: 24.3°
Lumens: 11184.7
Efficiency: 71.2%

Spill:
Lumens: 4527.7
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	2.8	2.8
85°	0.0	0.0	0.0	0.0	2.8	2.8	2.8	2.8	2.8	5.6	5.6
82.5°	0.0	0.0	0.0	0.0	2.8	2.8	2.8	2.8	5.6	5.6	5.6
80°	0.0	0.0	0.0	0.0	2.8	2.8	2.8	2.8	5.6	5.6	5.6
77.5°	0.0	0.0	0.0	0.0	2.8	2.8	2.8	2.8	2.8	2.8	5.6
75°	0.0	0.0	0.0	0.0	2.8	2.8	2.8	2.8	2.8	2.8	2.8
72.5°	0.0	0.0	0.0	0.0	2.8	2.8	2.8	2.8	2.8	2.8	2.8
70°	0.0	0.0	0.0	0.0	2.8	2.8	2.8	2.8	2.8	2.8	2.8
67.5°	0.0	0.0	0.0	0.0	2.8	2.8	2.8	2.8	2.8	2.8	2.8
65°	0.0	0.0	0.0	0.0	2.8	2.8	2.8	2.8	2.8	2.8	2.8
62.5°	0.0	0.0	0.0	0.0	2.8	2.8	2.8	2.8	2.8	2.8	2.8
60°	5.6	5.6	5.6	5.6	8.4	8.4	11.3	11.3	11.3	5.6	11.3
57.5°	45.0	45.0	42.2	39.4	36.6	33.8	33.8	33.8	33.8	33.8	28.1
55°	61.9	61.9	61.9	59.1	59.1	56.3	53.5	50.7	50.7	47.9	45.0
52.5°	73.2	73.2	73.2	73.2	70.4	70.4	70.4	67.6	61.9	61.9	59.1
50°	104.2	101.3	101.3	101.3	101.3	95.7	92.9	87.3	84.4	81.6	78.8
47.5°	135.1	135.1	132.3	132.3	129.5	123.9	118.2	112.6	107.0	104.2	98.5
45°	160.5	160.5	157.6	157.6	154.8	149.2	140.7	132.3	126.7	121.0	115.4
42.5°	197.0	194.2	191.4	188.6	183.0	174.5	163.3	152.0	143.6	135.1	129.5
40°	236.5	236.5	233.6	230.8	222.4	213.9	199.9	185.8	171.7	154.8	146.4
37.5°	284.3	287.1	289.9	289.9	284.3	273.0	253.3	236.5	213.9	191.4	180.2
35°	371.6	371.6	377.2	377.2	368.8	354.7	340.6	304.0	275.9	247.7	222.4
32.5°	467.3	470.1	458.8	450.4	439.1	422.2	396.9	365.9	335.0	298.4	270.2
30°	560.2	560.2	546.1	529.2	506.7	478.5	447.6	413.8	377.2	340.6	306.8
27.5°	706.5	692.5	681.2	653.1	613.7	560.2	520.8	467.3	419.4	377.2	340.6
25°	948.6	945.8	920.5	872.6	793.8	709.4	644.6	554.5	481.4	416.6	374.4
22.5°	1508.8	1489.1	1430.0	1311.8	1126.0	979.6	847.3	706.5	574.2	487.0	419.4
20°	2789.6	2724.9	2567.2	2240.7	1824.1	1537.0	1207.6	971.2	748.8	585.5	484.2
17.5°	5204.8	5162.6	5103.5	4349.1	3501.8	2893.8	2153.4	1489.1	1064.0	765.7	574.2
15°	9756.6	9444.1	8791.0	7887.4	6702.4	5179.5	3808.6	2404.0	1520.1	1019.0	729.1
12.5°	16678.5	16332.3	14646.1	12385.7	10254.8	8087.3	5677.7	3653.8	2164.7	1294.9	864.2
10°	33233.1	30719.4	25998.7	19403.3	15144.3	11293.5	7971.9	4985.2	2817.7	1635.5	1024.6
7.5°	68067.9	59854.0	46122.7	32560.4	21075.4	14812.2	10181.6	6519.4	3755.1	2046.5	1171.0
5°	123370.2	108797.2	81965.3	49354.3	30604.0	18564.5	12081.7	7752.3	4444.8	2381.4	1317.4
2.5°	188378.3	169526.6	118500.3	67865.3	37737.0	21469.5	13410.3	8563.0	4883.9	2609.4	1430.0
0°	224944.3	200932.9	139553.2	77697.8	41134.6	22702.4	14060.6	9050.0	5255.5	2795.2	1503.2
-2.5°	207792.9	188462.7	128251.2	72174.9	39307.8	22162.0	14153.5	9171.1	5317.4	2845.9	1537.0
-5°	146452.6	130587.6	88740.8	53261.4	33351.3	20413.9	13354.1	8715.0	5145.7	2772.7	1522.9
-7.5°	77481.1	70303.0	52628.0	38271.9	24343.6	17278.1	12022.6	7907.2	4700.9	2575.7	1438.4
-10°	40031.2	38559.0	33227.5	25047.3	19698.9	14474.4	10260.4	6761.5	3929.6	2218.2	1294.9
-12.5°	23079.7	22829.1	21114.8	18125.4	15104.9	11890.3	8419.5	5514.5	3279.4	1838.2	1092.2
-15°	14944.5	15051.5	14454.7	13210.5	11490.6	8898.0	6468.7	4101.4	2426.5	1489.1	962.7
-17.5°	10198.5	10170.4	9891.7	9038.8	7653.8	6009.9	4287.1	2896.6	1838.2	1159.8	799.4
-20°	6451.8	6463.1	6204.1	5615.8	4596.8	3704.5	2668.6	1953.6	1303.3	912.0	706.5



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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°	3743.9	3752.3	3589.0	3256.9	2722.0	2195.6	1734.0	1292.1	959.9	760.0	619.3
-25°	2150.6	2116.8	2052.1	1891.6	1641.1	1354.0	1151.3	909.2	768.5	644.6	565.8
-27.5°	1303.3	1280.8	1247.0	1176.6	1078.1	934.6	841.7	734.7	653.1	579.9	532.0
-30°	909.2	917.7	889.5	852.9	807.9	743.1	692.5	641.8	588.3	543.3	498.2
-32.5°	723.4	729.1	715.0	700.9	678.4	653.1	622.1	585.5	543.3	501.1	458.8
-35°	622.1	624.9	624.9	622.1	616.5	596.8	574.2	540.5	501.1	461.6	425.1
-37.5°	571.4	574.2	574.2	571.4	563.0	546.1	523.6	495.4	458.8	422.2	394.1
-40°	517.9	520.8	517.9	512.3	503.9	487.0	470.1	447.6	419.4	388.5	363.1
-42.5°	467.3	464.5	461.6	456.0	447.6	436.3	422.2	405.4	385.6	363.1	343.4
-45°	419.4	419.4	416.6	413.8	408.2	399.7	391.3	377.2	363.1	346.2	329.3
-47.5°	394.1	394.1	391.3	388.5	385.6	380.0	371.6	360.3	349.1	335.0	320.9
-50°	377.2	377.2	377.2	374.4	371.6	365.9	357.5	349.1	337.8	323.7	309.6
-52.5°	365.9	365.9	365.9	363.1	360.3	357.5	349.1	337.8	323.7	312.5	301.2
-55°	360.3	357.5	357.5	354.7	351.9	349.1	337.8	326.5	315.3	304.0	292.8
-57.5°	351.9	349.1	349.1	346.2	343.4	340.6	329.3	318.1	306.8	292.8	284.3
-60°	343.4	340.6	340.6	335.0	332.2	329.3	318.1	306.8	295.6	284.3	273.0
-62.5°	332.2	329.3	326.5	323.7	318.1	312.5	304.0	292.8	278.7	267.4	256.2
-65°	306.8	304.0	301.2	298.4	295.6	292.8	284.3	270.2	259.0	247.7	236.5
-67.5°	275.9	275.9	275.9	270.2	267.4	261.8	256.2	244.9	233.6	222.4	213.9
-70°	239.3	239.3	239.3	233.6	230.8	228.0	219.6	211.1	202.7	194.2	183.0
-72.5°	202.7	199.9	199.9	197.0	191.4	188.6	183.0	177.3	168.9	163.3	154.8
-75°	166.1	163.3	163.3	160.5	157.6	154.8	149.2	146.4	140.7	135.1	126.7
-77.5°	132.3	132.3	132.3	129.5	126.7	123.9	121.0	118.2	115.4	109.8	104.2
-80°	101.3	101.3	101.3	101.3	101.3	101.3	101.3	98.5	92.9	90.1	87.3
-82.5°	73.2	76.0	76.0	76.0	76.0	76.0	76.0	76.0	73.2	70.4	67.6
-85°	47.9	50.7	50.7	53.5	56.3	56.3	59.1	56.3	53.5	47.9	45.0
-87.5°	25.3	25.3	25.3	25.3	25.3	25.3	25.3	22.5	22.5	22.5	19.7
-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°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	5.6	5.6	5.6
85°	5.6	5.6	5.6	5.6	8.4	8.4	8.4	11.3	11.3	11.3	11.3
82.5°	5.6	8.4	8.4	8.4	11.3	11.3	14.1	16.9	22.5	25.3	25.3
80°	5.6	8.4	8.4	8.4	11.3	11.3	14.1	14.1	16.9	19.7	25.3
77.5°	5.6	5.6	8.4	8.4	8.4	11.3	11.3	14.1	14.1	16.9	19.7
75°	2.8	5.6	5.6	5.6	8.4	8.4	11.3	11.3	14.1	14.1	16.9
72.5°	2.8	5.6	5.6	5.6	8.4	8.4	11.3	11.3	11.3	14.1	14.1
70°	2.8	5.6	5.6	5.6	5.6	8.4	8.4	8.4	11.3	11.3	11.3
67.5°	2.8	2.8	2.8	5.6	5.6	5.6	5.6	8.4	8.4	8.4	11.3
65°	2.8	2.8	2.8	2.8	5.6	5.6	5.6	5.6	8.4	8.4	8.4
62.5°	2.8	2.8	2.8	5.6	5.6	5.6	5.6	5.6	8.4	8.4	8.4
60°	11.3	11.3	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4
57.5°	25.3	25.3	22.5	19.7	16.9	16.9	14.1	11.3	11.3	8.4	8.4
55°	42.2	39.4	36.6	31.0	28.1	25.3	22.5	16.9	14.1	11.3	8.4
52.5°	53.5	50.7	47.9	45.0	39.4	33.8	31.0	28.1	22.5	16.9	14.1
50°	78.8	70.4	64.7	59.1	53.5	47.9	42.2	39.4	31.0	25.3	19.7
47.5°	95.7	90.1	81.6	76.0	70.4	61.9	53.5	47.9	42.2	33.8	25.3
45°	109.8	104.2	95.7	90.1	84.4	76.0	67.6	59.1	53.5	45.0	33.8
42.5°	123.9	118.2	109.8	104.2	95.7	87.3	78.8	70.4	61.9	56.3	45.0
40°	143.6	135.1	123.9	118.2	112.6	101.3	90.1	81.6	73.2	64.7	53.5
37.5°	168.9	160.5	146.4	135.1	126.7	118.2	107.0	95.7	87.3	76.0	64.7
35°	208.3	194.2	174.5	157.6	146.4	135.1	121.0	109.8	98.5	87.3	76.0
32.5°	247.7	225.2	199.9	180.2	163.3	149.2	135.1	123.9	109.8	95.7	84.4
30°	278.7	253.3	228.0	199.9	180.2	163.3	149.2	135.1	121.0	107.0	92.9
27.5°	309.6	281.5	253.3	225.2	197.0	174.5	160.5	146.4	132.3	118.2	101.3
25°	340.6	309.6	281.5	250.5	216.7	191.4	171.7	160.5	146.4	129.5	109.8
22.5°	368.8	340.6	312.5	278.7	239.3	205.5	185.8	171.7	157.6	137.9	121.0
20°	422.2	385.6	351.9	309.6	264.6	230.8	205.5	185.8	168.9	149.2	129.5
17.5°	492.6	439.1	394.1	346.2	301.2	259.0	222.4	199.9	183.0	160.5	137.9
15°	582.7	489.8	433.5	385.6	332.2	284.3	244.9	213.9	191.4	168.9	149.2
12.5°	650.2	529.2	467.3	422.2	365.9	312.5	261.8	225.2	199.9	177.3	154.8
10°	726.3	571.4	495.4	444.8	385.6	326.5	273.0	233.6	205.5	185.8	163.3
7.5°	788.2	605.2	509.5	453.2	396.9	337.8	284.3	242.1	213.9	191.4	168.9
5°	844.5	633.4	520.8	456.0	402.5	346.2	289.9	247.7	219.6	197.0	174.5
2.5°	883.9	658.7	532.0	461.6	408.2	351.9	298.4	253.3	225.2	202.7	180.2
0°	917.7	667.1	529.2	461.6	411.0	351.9	301.2	256.2	228.0	205.5	183.0
-2.5°	928.9	681.2	543.3	467.3	416.6	357.5	306.8	259.0	230.8	208.3	188.6
-5°	928.9	670.0	543.3	472.9	419.4	360.3	306.8	261.8	233.6	211.1	188.6
-7.5°	895.1	653.1	540.5	478.5	422.2	363.1	306.8	264.6	236.5	213.9	191.4
-10°	836.0	627.7	537.7	481.4	422.2	360.3	306.8	264.6	236.5	213.9	194.2
-12.5°	740.3	594.0	523.6	475.7	416.6	354.7	304.0	264.6	236.5	216.7	194.2
-15°	692.5	565.8	506.7	458.8	402.5	346.2	298.4	261.8	236.5	216.7	197.0
-17.5°	627.7	543.3	489.8	441.9	391.3	337.8	292.8	261.8	236.5	213.9	197.0
-20°	582.7	517.9	470.1	427.9	377.2	329.3	289.9	259.0	236.5	213.9	197.0



REPORT NUMBER: P724249

CATALOG NUMBER: IFLD-S-SA3C-830-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°	543.3	489.8	447.6	405.4	360.3	318.1	284.3	256.2	233.6	213.9	197.0
-25°	512.3	464.5	425.1	385.6	346.2	309.6	278.7	253.3	230.8	213.9	194.2
-27.5°	484.2	439.1	402.5	365.9	329.3	301.2	273.0	250.5	230.8	211.1	191.4
-30°	453.2	416.6	380.0	346.2	320.9	292.8	267.4	244.9	228.0	208.3	188.6
-32.5°	422.2	388.5	357.5	332.2	309.6	287.1	264.6	242.1	222.4	202.7	183.0
-35°	394.1	363.1	340.6	318.1	301.2	281.5	259.0	236.5	219.6	199.9	183.0
-37.5°	365.9	343.4	323.7	306.8	289.9	273.0	250.5	230.8	213.9	194.2	174.5
-40°	343.4	326.5	312.5	298.4	281.5	261.8	244.9	225.2	208.3	188.6	166.1
-42.5°	329.3	315.3	301.2	287.1	273.0	256.2	239.3	219.6	202.7	183.0	160.5
-45°	315.3	304.0	292.8	281.5	267.4	250.5	230.8	211.1	194.2	174.5	157.6
-47.5°	306.8	295.6	284.3	275.9	264.6	242.1	225.2	205.5	185.8	168.9	149.2
-50°	298.4	287.1	278.7	267.4	253.3	233.6	216.7	197.0	180.2	160.5	143.6
-52.5°	289.9	278.7	267.4	256.2	242.1	225.2	208.3	191.4	171.7	152.0	135.1
-55°	281.5	270.2	259.0	247.7	233.6	219.6	202.7	180.2	160.5	140.7	123.9
-57.5°	273.0	264.6	250.5	236.5	222.4	208.3	188.6	168.9	149.2	129.5	115.4
-60°	261.8	250.5	239.3	222.4	208.3	191.4	174.5	157.6	137.9	121.0	107.0
-62.5°	244.9	233.6	222.4	205.5	191.4	177.3	163.3	143.6	129.5	112.6	98.5
-65°	225.2	213.9	202.7	188.6	174.5	160.5	149.2	132.3	118.2	104.2	92.9
-67.5°	202.7	191.4	183.0	168.9	157.6	143.6	132.3	118.2	104.2	92.9	81.6
-70°	174.5	166.1	157.6	146.4	135.1	123.9	112.6	101.3	90.1	81.6	70.4
-72.5°	149.2	140.7	132.3	123.9	115.4	104.2	95.7	87.3	78.8	70.4	64.7
-75°	121.0	115.4	109.8	104.2	95.7	87.3	81.6	73.2	67.6	61.9	59.1
-77.5°	101.3	95.7	90.1	84.4	78.8	73.2	67.6	61.9	59.1	56.3	53.5
-80°	81.6	78.8	76.0	70.4	67.6	61.9	59.1	53.5	53.5	53.5	53.5
-82.5°	64.7	61.9	59.1	56.3	53.5	50.7	50.7	47.9	50.7	50.7	47.9
-85°	45.0	42.2	39.4	39.4	36.6	36.6	33.8	33.8	33.8	31.0	31.0
-87.5°	19.7	19.7	19.7	19.7	16.9	16.9	16.9	16.9	16.9	14.1	14.1
-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: P724249

CATALOG NUMBER: IFLD-S-SA3C-830-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°	5.6	5.6	2.8	2.8	2.8	2.8	2.8	2.8	2.8	0.0	0.0
85°	11.3	11.3	8.4	8.4	8.4	5.6	5.6	2.8	2.8	2.8	2.8
82.5°	25.3	22.5	19.7	16.9	14.1	11.3	8.4	5.6	5.6	2.8	2.8
80°	31.0	31.0	31.0	28.1	22.5	16.9	11.3	8.4	5.6	2.8	2.8
77.5°	22.5	22.5	25.3	28.1	28.1	22.5	14.1	8.4	5.6	5.6	2.8
75°	16.9	16.9	16.9	19.7	22.5	22.5	16.9	11.3	5.6	5.6	2.8
72.5°	16.9	16.9	16.9	16.9	16.9	16.9	16.9	11.3	8.4	5.6	5.6
70°	14.1	14.1	14.1	14.1	14.1	14.1	14.1	11.3	8.4	5.6	5.6
67.5°	11.3	11.3	14.1	14.1	14.1	11.3	11.3	11.3	8.4	5.6	5.6
65°	8.4	11.3	11.3	14.1	11.3	11.3	11.3	8.4	8.4	5.6	5.6
62.5°	8.4	8.4	11.3	11.3	11.3	11.3	8.4	8.4	8.4	5.6	5.6
60°	8.4	8.4	8.4	11.3	8.4	8.4	8.4	8.4	8.4	5.6	5.6
57.5°	8.4	8.4	8.4	8.4	8.4	8.4	8.4	5.6	5.6	5.6	5.6
55°	8.4	8.4	8.4	8.4	8.4	8.4	5.6	5.6	5.6	5.6	5.6
52.5°	11.3	8.4	8.4	8.4	8.4	8.4	5.6	5.6	5.6	5.6	5.6
50°	14.1	8.4	8.4	8.4	8.4	5.6	5.6	5.6	5.6	5.6	5.6
47.5°	19.7	14.1	11.3	8.4	8.4	5.6	5.6	5.6	5.6	5.6	2.8
45°	28.1	19.7	14.1	11.3	8.4	5.6	5.6	5.6	5.6	5.6	2.8
42.5°	33.8	25.3	16.9	14.1	11.3	8.4	5.6	5.6	5.6	2.8	2.8
40°	42.2	33.8	22.5	16.9	11.3	8.4	5.6	5.6	5.6	2.8	2.8
37.5°	53.5	42.2	28.1	19.7	14.1	8.4	8.4	5.6	5.6	2.8	2.8
35°	61.9	47.9	36.6	22.5	16.9	11.3	8.4	5.6	5.6	2.8	2.8
32.5°	70.4	56.3	45.0	28.1	19.7	14.1	11.3	5.6	5.6	2.8	2.8
30°	78.8	64.7	50.7	36.6	25.3	16.9	11.3	5.6	5.6	2.8	2.8
27.5°	87.3	70.4	56.3	42.2	28.1	19.7	14.1	8.4	5.6	2.8	2.8
25°	95.7	78.8	61.9	47.9	31.0	22.5	14.1	8.4	5.6	5.6	2.8
22.5°	101.3	87.3	70.4	53.5	36.6	25.3	16.9	11.3	5.6	5.6	2.8
20°	109.8	95.7	76.0	59.1	42.2	28.1	16.9	11.3	5.6	5.6	2.8
17.5°	118.2	101.3	81.6	64.7	47.9	31.0	19.7	14.1	5.6	5.6	2.8
15°	126.7	107.0	87.3	67.6	50.7	33.8	19.7	14.1	5.6	5.6	2.8
12.5°	135.1	115.4	92.9	73.2	53.5	36.6	22.5	16.9	8.4	5.6	2.8
10°	140.7	121.0	98.5	76.0	56.3	42.2	25.3	16.9	8.4	5.6	2.8
7.5°	149.2	126.7	104.2	81.6	59.1	45.0	28.1	16.9	8.4	5.6	2.8
5°	152.0	132.3	107.0	87.3	61.9	47.9	31.0	19.7	8.4	5.6	2.8
2.5°	154.8	137.9	109.8	90.1	64.7	47.9	31.0	19.7	11.3	5.6	2.8
0°	157.6	140.7	112.6	92.9	67.6	50.7	33.8	19.7	11.3	5.6	2.8
-2.5°	160.5	143.6	118.2	95.7	70.4	53.5	36.6	19.7	11.3	5.6	2.8
-5°	163.3	143.6	123.9	98.5	73.2	53.5	36.6	22.5	14.1	5.6	2.8
-7.5°	166.1	146.4	126.7	101.3	76.0	53.5	39.4	22.5	14.1	8.4	2.8
-10°	168.9	149.2	129.5	104.2	76.0	56.3	39.4	22.5	14.1	8.4	2.8
-12.5°	171.7	152.0	129.5	104.2	78.8	56.3	39.4	25.3	14.1	8.4	2.8
-15°	174.5	152.0	129.5	104.2	78.8	59.1	42.2	25.3	14.1	8.4	5.6
-17.5°	174.5	152.0	129.5	107.0	78.8	59.1	42.2	25.3	14.1	8.4	5.6
-20°	174.5	152.0	129.5	107.0	78.8	59.1	42.2	25.3	14.1	8.4	5.6



REPORT NUMBER: P724249

CATALOG NUMBER: IFLD-S-SA3C-830-U-22-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	171.7	149.2	129.5	104.2	78.8	59.1	42.2	25.3	16.9	8.4	5.6
-25°	171.7	149.2	129.5	104.2	78.8	59.1	39.4	25.3	16.9	8.4	5.6
-27.5°	168.9	149.2	126.7	101.3	76.0	56.3	39.4	25.3	16.9	8.4	5.6
-30°	166.1	146.4	123.9	98.5	76.0	56.3	39.4	25.3	16.9	8.4	5.6
-32.5°	163.3	140.7	121.0	95.7	73.2	53.5	39.4	25.3	16.9	8.4	5.6
-35°	157.6	137.9	115.4	92.9	70.4	53.5	36.6	25.3	16.9	11.3	5.6
-37.5°	152.0	132.3	112.6	90.1	67.6	50.7	36.6	25.3	16.9	11.3	5.6
-40°	146.4	129.5	107.0	84.4	64.7	47.9	36.6	25.3	16.9	11.3	8.4
-42.5°	140.7	123.9	104.2	81.6	64.7	47.9	33.8	25.3	16.9	11.3	8.4
-45°	137.9	121.0	98.5	78.8	61.9	47.9	33.8	22.5	16.9	11.3	8.4
-47.5°	132.3	112.6	92.9	76.0	59.1	45.0	31.0	22.5	16.9	11.3	8.4
-50°	123.9	107.0	90.1	73.2	56.3	42.2	31.0	22.5	16.9	11.3	8.4
-52.5°	115.4	98.5	84.4	67.6	53.5	42.2	31.0	22.5	16.9	11.3	8.4
-55°	107.0	92.9	78.8	64.7	50.7	39.4	28.1	22.5	16.9	11.3	8.4
-57.5°	101.3	87.3	73.2	59.1	47.9	36.6	28.1	19.7	14.1	11.3	8.4
-60°	95.7	81.6	67.6	56.3	45.0	36.6	28.1	19.7	14.1	11.3	5.6
-62.5°	87.3	76.0	61.9	53.5	42.2	33.8	25.3	19.7	14.1	11.3	5.6
-65°	78.8	67.6	56.3	47.9	39.4	31.0	25.3	19.7	14.1	11.3	5.6
-67.5°	70.4	61.9	53.5	45.0	36.6	31.0	25.3	19.7	14.1	8.4	5.6
-70°	64.7	56.3	47.9	42.2	36.6	28.1	25.3	19.7	14.1	8.4	5.6
-72.5°	56.3	50.7	45.0	39.4	33.8	31.0	25.3	19.7	11.3	8.4	5.6
-75°	53.5	47.9	42.2	39.4	36.6	31.0	25.3	16.9	11.3	8.4	5.6
-77.5°	53.5	47.9	45.0	42.2	36.6	31.0	22.5	14.1	8.4	8.4	5.6
-80°	53.5	50.7	47.9	39.4	33.8	25.3	16.9	14.1	8.4	5.6	2.8
-82.5°	47.9	39.4	33.8	28.1	25.3	19.7	14.1	11.3	5.6	5.6	2.8
-85°	31.0	25.3	22.5	19.7	16.9	14.1	8.4	5.6	5.6	2.8	2.8
-87.5°	14.1	14.1	11.3	8.4	8.4	5.6	5.6	2.8	2.8	2.8	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: P724249
 CATALOG NUMBER: IFLD-S-SA3C-830-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°	2.8	0.0	0.0	0.0
77.5°	2.8	0.0	0.0	0.0
75°	2.8	2.8	0.0	0.0
72.5°	2.8	2.8	0.0	0.0
70°	2.8	2.8	0.0	0.0
67.5°	2.8	2.8	0.0	0.0
65°	2.8	2.8	0.0	0.0
62.5°	2.8	2.8	0.0	0.0
60°	2.8	2.8	0.0	0.0
57.5°	2.8	2.8	2.8	0.0
55°	2.8	2.8	2.8	0.0
52.5°	2.8	2.8	2.8	0.0
50°	2.8	2.8	2.8	0.0
47.5°	2.8	2.8	2.8	0.0
45°	2.8	2.8	2.8	0.0
42.5°	2.8	2.8	2.8	0.0
40°	2.8	2.8	2.8	0.0
37.5°	2.8	2.8	2.8	0.0
35°	2.8	2.8	2.8	0.0
32.5°	2.8	2.8	2.8	0.0
30°	2.8	2.8	2.8	0.0
27.5°	2.8	2.8	2.8	0.0
25°	2.8	2.8	2.8	0.0
22.5°	2.8	2.8	2.8	0.0
20°	2.8	2.8	2.8	0.0
17.5°	2.8	2.8	2.8	0.0
15°	2.8	2.8	2.8	0.0
12.5°	2.8	2.8	2.8	0.0
10°	2.8	2.8	2.8	0.0
7.5°	2.8	2.8	2.8	0.0
5°	2.8	2.8	2.8	0.0
2.5°	2.8	2.8	2.8	0.0
0°	2.8	2.8	2.8	0.0
-2.5°	2.8	2.8	2.8	0.0
-5°	2.8	2.8	2.8	0.0
-7.5°	2.8	2.8	2.8	0.0
-10°	2.8	2.8	2.8	0.0
-12.5°	2.8	2.8	2.8	0.0
-15°	2.8	2.8	2.8	0.0
-17.5°	2.8	2.8	2.8	0.0
-20°	2.8	2.8	2.8	0.0



REPORT NUMBER: P724249

CATALOG NUMBER: IFLD-S-SA3C-830-U-22-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	2.8	2.8	2.8	0.0
-25°	2.8	2.8	2.8	0.0
-27.5°	2.8	2.8	2.8	0.0
-30°	2.8	2.8	2.8	0.0
-32.5°	2.8	2.8	2.8	0.0
-35°	2.8	2.8	2.8	0.0
-37.5°	2.8	2.8	2.8	0.0
-40°	2.8	2.8	2.8	0.0
-42.5°	2.8	2.8	2.8	0.0
-45°	2.8	2.8	2.8	0.0
-47.5°	2.8	2.8	2.8	0.0
-50°	2.8	2.8	2.8	0.0
-52.5°	2.8	2.8	2.8	0.0
-55°	2.8	2.8	2.8	0.0
-57.5°	2.8	2.8	2.8	0.0
-60°	2.8	2.8	0.0	0.0
-62.5°	2.8	2.8	0.0	0.0
-65°	2.8	2.8	0.0	0.0
-67.5°	2.8	2.8	0.0	0.0
-70°	2.8	2.8	0.0	0.0
-72.5°	2.8	2.8	0.0	0.0
-75°	2.8	2.8	0.0	0.0
-77.5°	2.8	0.0	0.0	0.0
-80°	2.8	0.0	0.0	0.0
-82.5°	2.8	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)