

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: P724072

Luminaire Tested: **IFLD-S-SA2E-730-U-22-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P724072
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA2E-730-U-22-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 2 distribution lens and Visor
Light Source: (32) 3000K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

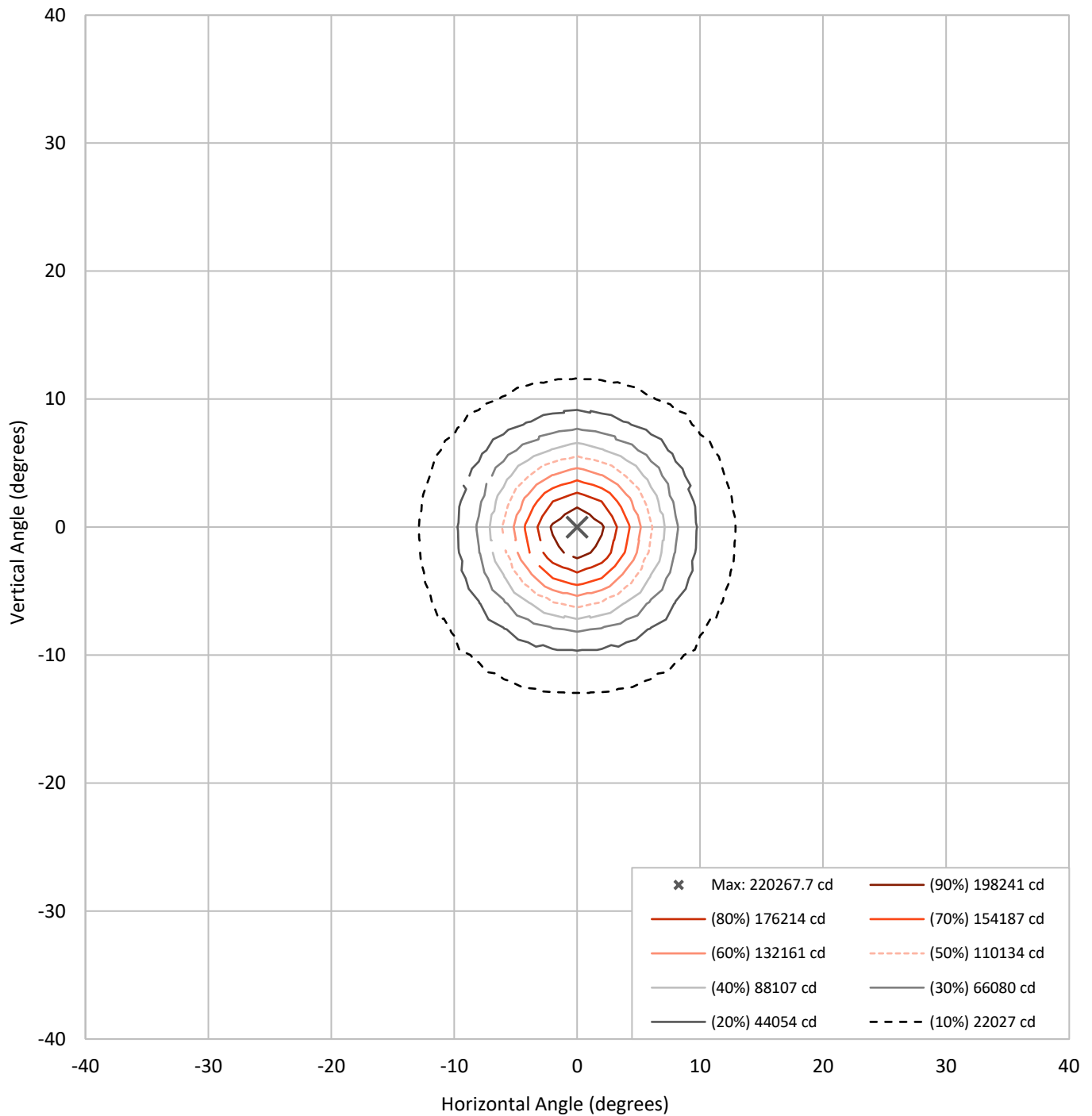
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	15385.8 lumens	Max Intensity:	220267.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	98.5 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	12.2°H x 11.7°V	Field Angle (10%):	25.1°H x 24.3°V
Beam Lumens:	4813.4 lumens	Field Lumens:	10952.2 lumens
Beam Efficiency:	31.3%	Field Efficiency:	71.2%

Input Watts (W): 156.2
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



REPORT NUMBER: P724072
CATALOG NUMBER: IFLD-S-SA2E-730-U-22-VI

Iso-Candela Plot





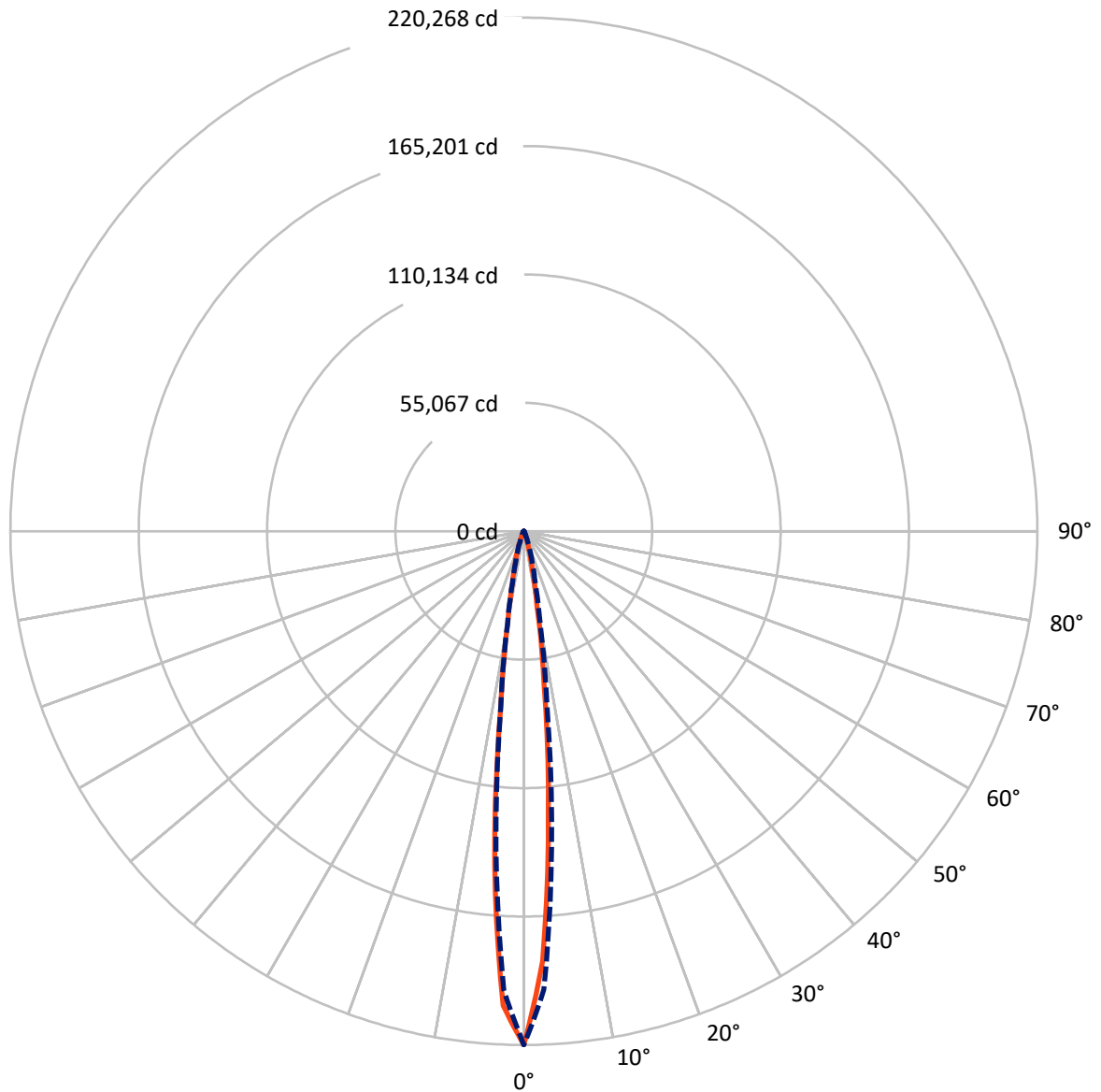
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Lumen Table

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	0.1	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	0.1	
50	0.1	0.1	0.5	1.3	2.2	3.1	4.1	4.8	4.8	4.1	3.1	2.2	1.3	0.5	0.1	0.1
40		0.2	1.1	2.3	3.9	6.2	9.4	11.2	11.2	9.4	6.2	3.9	2.3	1.1	0.2	
30	0.2	0.5	1.6	3.4	6.2	10.6	20.5	33.1	33.1	20.5	10.6	6.2	3.4	1.6	0.5	0.2
20		0.7	2.2	4.6	9.4	23.2	121.2	306.7	306.7	121.2	23.2	9.4	4.6	2.2	0.7	
10	0.3	0.9	2.6	5.4	11.4	47.1	390.4	2405.8	2405.8	390.4	47.1	11.4	5.4	2.6	0.9	0.3
0		1.0	2.9	5.8	11.9	53.7	429.6	2649.4	2649.4	429.6	53.7	11.9	5.8	2.9	1.0	
-10	0.3	1.1	3.0	5.7	11.2	32.2	192.8	464.7	464.7	192.8	32.2	11.2	5.7	3.0	1.1	0.3
-20		1.0	3.0	5.4	9.5	16.4	39.8	74.9	74.9	39.8	16.4	9.5	5.4	3.0	1.0	
-30	0.3	0.9	2.7	5.0	7.9	11.6	16.4	19.3	19.3	16.4	11.6	7.9	5.0	2.7	0.9	0.3
-40		0.8	2.4	4.5	6.8	9.0	11.4	12.7	12.7	11.4	9.0	6.8	4.5	2.4	0.8	
-50	0.3	0.7	1.9	3.8	6.0	7.9	9.7	10.6	10.6	9.7	7.9	6.0	3.8	1.9	0.7	0.3
-60		0.5	1.4	2.8	4.6	6.3	7.9	8.8	8.8	7.9	6.3	4.6	2.8	1.4	0.5	
-70	0.2	0.7	1.9	3.8	6.0	7.9	9.7	10.6	10.6	9.7	7.9	6.0	3.8	1.9	0.7	0.2
-80		0.5	1.4	2.8	4.6	6.3	7.9	8.8	8.8	7.9	6.3	4.6	2.8	1.4	0.5	
-90	0.2	2.1	5.8	10.6	12.8	10.6	5.8	2.1	0.2							

REPORT NUMBER: P724072
CATALOG NUMBER: IFLD-S-SA2E-730-U-22-VI

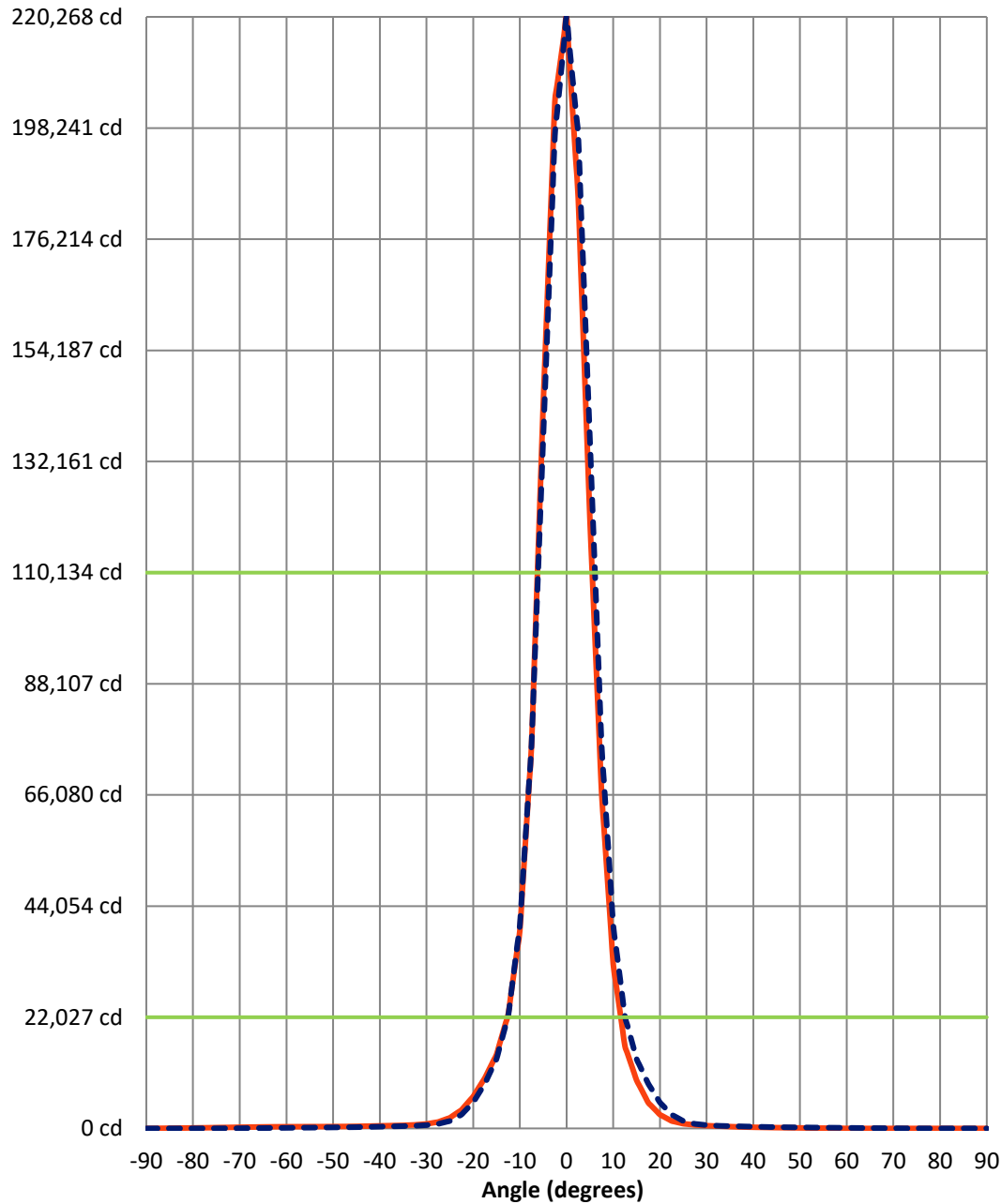
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 0-Deg

REPORT NUMBER: P724072
CATALOG NUMBER: IFLD-S-SA2E-730-U-22-VI

Luminous Intensity Plot



Beam:
H Angle: 12.2°
V Angle: 11.7°
Lumens: 4813.4
Efficiency: 31.3%

Field:
H Angle: 25.1°
V Angle: 24.3°
Lumens: 10952.2
Efficiency: 71.2%

Spill:
Lumens: 4433.6
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	2.8	2.8
85°	0.0	0.0	0.0	0.0	2.8	2.8	2.8	2.8	2.8	5.5	5.5
82.5°	0.0	0.0	0.0	0.0	2.8	2.8	2.8	2.8	5.5	5.5	5.5
80°	0.0	0.0	0.0	0.0	2.8	2.8	2.8	2.8	5.5	5.5	5.5
77.5°	0.0	0.0	0.0	0.0	2.8	2.8	2.8	2.8	2.8	2.8	5.5
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°	5.5	5.5	5.5	5.5	8.3	8.3	11.0	11.0	11.0	5.5	11.0
57.5°	44.1	44.1	41.3	38.6	35.8	33.1	33.1	33.1	33.1	33.1	27.6
55°	60.6	60.6	60.6	57.9	57.9	55.1	52.4	49.6	49.6	46.9	44.1
52.5°	71.7	71.7	71.7	71.7	68.9	68.9	68.9	66.2	60.6	60.6	57.9
50°	102.0	99.2	99.2	99.2	99.2	93.7	91.0	85.4	82.7	79.9	77.2
47.5°	132.3	132.3	129.6	129.6	126.8	121.3	115.8	110.3	104.7	102.0	96.5
45°	157.1	157.1	154.4	154.4	151.6	146.1	137.8	129.6	124.0	118.5	113.0
42.5°	192.9	190.2	187.4	184.7	179.2	170.9	159.9	148.8	140.6	132.3	126.8
40°	231.5	231.5	228.8	226.0	217.8	209.5	195.7	181.9	168.1	151.6	143.3
37.5°	278.4	281.2	283.9	283.9	278.4	267.4	248.1	231.5	209.5	187.4	176.4
35°	363.8	363.8	369.4	369.4	361.1	347.3	333.5	297.7	270.1	242.6	217.8
32.5°	457.6	460.3	449.3	441.0	430.0	413.5	388.7	358.3	328.0	292.2	264.6
30°	548.5	548.5	534.7	518.2	496.2	468.6	438.3	405.2	369.4	333.5	300.4
27.5°	691.9	678.1	667.1	639.5	600.9	548.5	509.9	457.6	410.7	369.4	333.5
25°	928.9	926.2	901.3	854.5	777.3	694.6	631.2	543.0	471.3	407.9	366.6
22.5°	1477.4	1458.1	1400.3	1284.5	1102.6	959.2	829.7	691.9	562.3	476.9	410.7
20°	2731.6	2668.2	2513.8	2194.1	1786.2	1505.0	1182.5	951.0	733.2	573.3	474.1
17.5°	5096.6	5055.3	4997.4	4258.7	3429.0	2833.6	2108.7	1458.1	1041.9	749.7	562.3
15°	9553.7	9247.8	8608.3	7723.5	6563.0	5071.8	3729.4	2354.0	1488.5	997.8	713.9
12.5°	16331.7	15992.7	14341.6	12128.2	10041.6	7919.2	5559.7	3577.8	2119.7	1267.9	846.2
10°	32542.2	30080.7	25458.2	19000.0	14829.5	11058.7	7806.2	4881.6	2759.2	1601.5	1003.3
7.5°	66652.8	58609.6	45163.8	31883.4	20637.3	14504.2	9969.9	6383.9	3677.1	2003.9	1146.7
5°	120805.3	106535.4	80261.2	48328.2	29967.7	18178.5	11830.5	7591.2	4352.4	2331.9	1290.0
2.5°	184461.9	166002.2	116036.7	66454.4	36952.5	21023.2	13131.6	8385.0	4782.4	2555.2	1400.3
0°	220267.7	196755.5	136651.9	76082.5	40279.5	22230.5	13768.3	8861.9	5146.2	2737.1	1471.9
-2.5°	203472.9	184544.6	125584.9	70674.4	38490.6	21701.2	13859.2	8980.4	5206.9	2786.7	1505.0
-5°	143407.9	127872.8	86895.9	52154.1	32658.0	19989.5	13076.4	8533.9	5038.7	2715.1	1491.2
-7.5°	75870.3	68841.4	51533.9	37476.2	23837.5	16918.9	11772.6	7742.8	4603.2	2522.1	1408.5
-10°	39198.9	37757.3	32536.7	24526.6	19289.4	14173.5	10047.1	6620.9	3848.0	2172.1	1267.9
-12.5°	22599.8	22354.5	20675.9	17748.5	14790.9	11643.1	8244.4	5399.8	3211.2	1799.9	1069.5
-15°	14633.8	14738.5	14154.2	12935.8	11251.7	8713.0	6334.2	4016.1	2376.0	1458.1	942.7
-17.5°	9986.5	9958.9	9686.0	8850.8	7494.7	5884.9	4198.0	2836.3	1799.9	1135.6	782.8
-20°	6317.7	6328.7	6075.1	5499.0	4501.2	3627.4	2613.1	1913.0	1276.2	893.1	691.9



REPORT NUMBER: P724072
 CATALOG NUMBER: IFLD-S-SA2E-730-U-22-VI

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	3666.0	3674.3	3514.4	3189.2	2665.5	2150.0	1698.0	1265.2	939.9	744.2	606.4
-25°	2105.9	2072.8	2009.4	1852.3	1607.0	1325.8	1127.4	890.3	752.5	631.2	554.0
-27.5°	1276.2	1254.2	1221.1	1152.2	1055.7	915.1	824.2	719.4	639.5	567.8	521.0
-30°	890.3	898.6	871.0	835.2	791.1	727.7	678.1	628.5	576.1	532.0	487.9
-32.5°	708.4	713.9	700.1	686.3	664.3	639.5	609.2	573.3	532.0	490.6	449.3
-35°	609.2	611.9	611.9	609.2	603.7	584.4	562.3	529.2	490.6	452.1	416.2
-37.5°	559.6	562.3	562.3	559.6	551.3	534.7	512.7	485.1	449.3	413.5	385.9
-40°	507.2	509.9	507.2	501.7	493.4	476.9	460.3	438.3	410.7	380.4	355.6
-42.5°	457.6	454.8	452.1	446.5	438.3	427.2	413.5	396.9	377.6	355.6	336.3
-45°	410.7	410.7	407.9	405.2	399.7	391.4	383.1	369.4	355.6	339.0	322.5
-47.5°	385.9	385.9	383.1	380.4	377.6	372.1	363.8	352.8	341.8	328.0	314.2
-50°	369.4	369.4	369.4	366.6	363.8	358.3	350.1	341.8	330.8	317.0	303.2
-52.5°	358.3	358.3	358.3	355.6	352.8	350.1	341.8	330.8	317.0	306.0	294.9
-55°	352.8	350.1	350.1	347.3	344.6	341.8	330.8	319.7	308.7	297.7	286.7
-57.5°	344.6	341.8	341.8	339.0	336.3	333.5	322.5	311.5	300.4	286.7	278.4
-60°	336.3	333.5	333.5	328.0	325.3	322.5	311.5	300.4	289.4	278.4	267.4
-62.5°	325.3	322.5	319.7	317.0	311.5	306.0	297.7	286.7	272.9	261.9	250.8
-65°	300.4	297.7	294.9	292.2	289.4	286.7	278.4	264.6	253.6	242.6	231.5
-67.5°	270.1	270.1	270.1	264.6	261.9	256.3	250.8	239.8	228.8	217.8	209.5
-70°	234.3	234.3	234.3	228.8	226.0	223.3	215.0	206.7	198.5	190.2	179.2
-72.5°	198.5	195.7	195.7	192.9	187.4	184.7	179.2	173.7	165.4	159.9	151.6
-75°	162.6	159.9	159.9	157.1	154.4	151.6	146.1	143.3	137.8	132.3	124.0
-77.5°	129.6	129.6	129.6	126.8	124.0	121.3	118.5	115.8	113.0	107.5	102.0
-80°	99.2	99.2	99.2	99.2	99.2	99.2	99.2	96.5	91.0	88.2	85.4
-82.5°	71.7	74.4	74.4	74.4	74.4	74.4	74.4	74.4	71.7	68.9	66.2
-85°	46.9	49.6	49.6	52.4	55.1	55.1	57.9	55.1	52.4	46.9	44.1
-87.5°	24.8	24.8	24.8	24.8	24.8	24.8	24.8	22.1	22.1	22.1	19.3
-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: P724072
 CATALOG NUMBER: IFLD-S-SA2E-730-U-22-VI

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	5.5	5.5	5.5
85°	5.5	5.5	5.5	5.5	8.3	8.3	8.3	11.0	11.0	11.0	11.0
82.5°	5.5	8.3	8.3	8.3	11.0	11.0	13.8	16.5	22.1	24.8	24.8
80°	5.5	8.3	8.3	8.3	11.0	11.0	13.8	13.8	16.5	19.3	24.8
77.5°	5.5	5.5	8.3	8.3	8.3	11.0	11.0	13.8	13.8	16.5	19.3
75°	2.8	5.5	5.5	5.5	8.3	8.3	11.0	11.0	13.8	13.8	16.5
72.5°	2.8	5.5	5.5	5.5	8.3	8.3	11.0	11.0	11.0	13.8	13.8
70°	2.8	5.5	5.5	5.5	5.5	8.3	8.3	8.3	11.0	11.0	11.0
67.5°	2.8	2.8	2.8	5.5	5.5	5.5	5.5	8.3	8.3	8.3	11.0
65°	2.8	2.8	2.8	2.8	5.5	5.5	5.5	5.5	8.3	8.3	8.3
62.5°	2.8	2.8	2.8	5.5	5.5	5.5	5.5	5.5	8.3	8.3	8.3
60°	11.0	11.0	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3
57.5°	24.8	24.8	22.1	19.3	16.5	16.5	13.8	11.0	11.0	8.3	8.3
55°	41.3	38.6	35.8	30.3	27.6	24.8	22.1	16.5	13.8	11.0	8.3
52.5°	52.4	49.6	46.9	44.1	38.6	33.1	30.3	27.6	22.1	16.5	13.8
50°	77.2	68.9	63.4	57.9	52.4	46.9	41.3	38.6	30.3	24.8	19.3
47.5°	93.7	88.2	79.9	74.4	68.9	60.6	52.4	46.9	41.3	33.1	24.8
45°	107.5	102.0	93.7	88.2	82.7	74.4	66.2	57.9	52.4	44.1	33.1
42.5°	121.3	115.8	107.5	102.0	93.7	85.4	77.2	68.9	60.6	55.1	44.1
40°	140.6	132.3	121.3	115.8	110.3	99.2	88.2	79.9	71.7	63.4	52.4
37.5°	165.4	157.1	143.3	132.3	124.0	115.8	104.7	93.7	85.4	74.4	63.4
35°	204.0	190.2	170.9	154.4	143.3	132.3	118.5	107.5	96.5	85.4	74.4
32.5°	242.6	220.5	195.7	176.4	159.9	146.1	132.3	121.3	107.5	93.7	82.7
30°	272.9	248.1	223.3	195.7	176.4	159.9	146.1	132.3	118.5	104.7	91.0
27.5°	303.2	275.6	248.1	220.5	192.9	170.9	157.1	143.3	129.6	115.8	99.2
25°	333.5	303.2	275.6	245.3	212.2	187.4	168.1	157.1	143.3	126.8	107.5
22.5°	361.1	333.5	306.0	272.9	234.3	201.2	181.9	168.1	154.4	135.1	118.5
20°	413.5	377.6	344.6	303.2	259.1	226.0	201.2	181.9	165.4	146.1	126.8
17.5°	482.4	430.0	385.9	339.0	294.9	253.6	217.8	195.7	179.2	157.1	135.1
15°	570.6	479.6	424.5	377.6	325.3	278.4	239.8	209.5	187.4	165.4	146.1
12.5°	636.7	518.2	457.6	413.5	358.3	306.0	256.3	220.5	195.7	173.7	151.6
10°	711.2	559.6	485.1	435.5	377.6	319.7	267.4	228.8	201.2	181.9	159.9
7.5°	771.8	592.6	498.9	443.8	388.7	330.8	278.4	237.1	209.5	187.4	165.4
5°	826.9	620.2	509.9	446.5	394.2	339.0	283.9	242.6	215.0	192.9	170.9
2.5°	865.5	645.0	521.0	452.1	399.7	344.6	292.2	248.1	220.5	198.5	176.4
0°	898.6	653.3	518.2	452.1	402.4	344.6	294.9	250.8	223.3	201.2	179.2
-2.5°	909.6	667.1	532.0	457.6	407.9	350.1	300.4	253.6	226.0	204.0	184.7
-5°	909.6	656.0	532.0	463.1	410.7	352.8	300.4	256.3	228.8	206.7	184.7
-7.5°	876.5	639.5	529.2	468.6	413.5	355.6	300.4	259.1	231.5	209.5	187.4
-10°	818.7	614.7	526.5	471.3	413.5	352.8	300.4	259.1	231.5	209.5	190.2
-12.5°	724.9	581.6	512.7	465.8	407.9	347.3	297.7	259.1	231.5	212.2	190.2
-15°	678.1	554.0	496.2	449.3	394.2	339.0	292.2	256.3	231.5	212.2	192.9
-17.5°	614.7	532.0	479.6	432.8	383.1	330.8	286.7	256.3	231.5	209.5	192.9
-20°	570.6	507.2	460.3	419.0	369.4	322.5	283.9	253.6	231.5	209.5	192.9



REPORT NUMBER: P724072
 CATALOG NUMBER: IFLD-S-SA2E-730-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°	532.0	479.6	438.3	396.9	352.8	311.5	278.4	250.8	228.8	209.5	192.9
-25°	501.7	454.8	416.2	377.6	339.0	303.2	272.9	248.1	226.0	209.5	190.2
-27.5°	474.1	430.0	394.2	358.3	322.5	294.9	267.4	245.3	226.0	206.7	187.4
-30°	443.8	407.9	372.1	339.0	314.2	286.7	261.9	239.8	223.3	204.0	184.7
-32.5°	413.5	380.4	350.1	325.3	303.2	281.2	259.1	237.1	217.8	198.5	179.2
-35°	385.9	355.6	333.5	311.5	294.9	275.6	253.6	231.5	215.0	195.7	179.2
-37.5°	358.3	336.3	317.0	300.4	283.9	267.4	245.3	226.0	209.5	190.2	170.9
-40°	336.3	319.7	306.0	292.2	275.6	256.3	239.8	220.5	204.0	184.7	162.6
-42.5°	322.5	308.7	294.9	281.2	267.4	250.8	234.3	215.0	198.5	179.2	157.1
-45°	308.7	297.7	286.7	275.6	261.9	245.3	226.0	206.7	190.2	170.9	154.4
-47.5°	300.4	289.4	278.4	270.1	259.1	237.1	220.5	201.2	181.9	165.4	146.1
-50°	292.2	281.2	272.9	261.9	248.1	228.8	212.2	192.9	176.4	157.1	140.6
-52.5°	283.9	272.9	261.9	250.8	237.1	220.5	204.0	187.4	168.1	148.8	132.3
-55°	275.6	264.6	253.6	242.6	228.8	215.0	198.5	176.4	157.1	137.8	121.3
-57.5°	267.4	259.1	245.3	231.5	217.8	204.0	184.7	165.4	146.1	126.8	113.0
-60°	256.3	245.3	234.3	217.8	204.0	187.4	170.9	154.4	135.1	118.5	104.7
-62.5°	239.8	228.8	217.8	201.2	187.4	173.7	159.9	140.6	126.8	110.3	96.5
-65°	220.5	209.5	198.5	184.7	170.9	157.1	146.1	129.6	115.8	102.0	91.0
-67.5°	198.5	187.4	179.2	165.4	154.4	140.6	129.6	115.8	102.0	91.0	79.9
-70°	170.9	162.6	154.4	143.3	132.3	121.3	110.3	99.2	88.2	79.9	68.9
-72.5°	146.1	137.8	129.6	121.3	113.0	102.0	93.7	85.4	77.2	68.9	63.4
-75°	118.5	113.0	107.5	102.0	93.7	85.4	79.9	71.7	66.2	60.6	57.9
-77.5°	99.2	93.7	88.2	82.7	77.2	71.7	66.2	60.6	57.9	55.1	52.4
-80°	79.9	77.2	74.4	68.9	66.2	60.6	57.9	52.4	52.4	52.4	52.4
-82.5°	63.4	60.6	57.9	55.1	52.4	49.6	49.6	46.9	49.6	49.6	46.9
-85°	44.1	41.3	38.6	38.6	35.8	35.8	33.1	33.1	33.1	30.3	30.3
-87.5°	19.3	19.3	19.3	19.3	16.5	16.5	16.5	16.5	16.5	13.8	13.8
-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: P724072
 CATALOG NUMBER: IFLD-S-SA2E-730-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°	5.5	5.5	2.8	2.8	2.8	2.8	2.8	2.8	2.8	0.0	0.0
85°	11.0	11.0	8.3	8.3	8.3	5.5	5.5	2.8	2.8	2.8	2.8
82.5°	24.8	22.1	19.3	16.5	13.8	11.0	8.3	5.5	5.5	2.8	2.8
80°	30.3	30.3	30.3	27.6	22.1	16.5	11.0	8.3	5.5	2.8	2.8
77.5°	22.1	22.1	24.8	27.6	27.6	22.1	13.8	8.3	5.5	5.5	2.8
75°	16.5	16.5	16.5	19.3	22.1	22.1	16.5	11.0	5.5	5.5	2.8
72.5°	16.5	16.5	16.5	16.5	16.5	16.5	16.5	11.0	8.3	5.5	5.5
70°	13.8	13.8	13.8	13.8	13.8	13.8	13.8	11.0	8.3	5.5	5.5
67.5°	11.0	11.0	13.8	13.8	13.8	11.0	11.0	11.0	8.3	5.5	5.5
65°	8.3	11.0	11.0	13.8	11.0	11.0	11.0	8.3	8.3	5.5	5.5
62.5°	8.3	8.3	11.0	11.0	11.0	11.0	8.3	8.3	8.3	5.5	5.5
60°	8.3	8.3	8.3	11.0	8.3	8.3	8.3	8.3	8.3	5.5	5.5
57.5°	8.3	8.3	8.3	8.3	8.3	8.3	8.3	5.5	5.5	5.5	5.5
55°	8.3	8.3	8.3	8.3	8.3	8.3	5.5	5.5	5.5	5.5	5.5
52.5°	11.0	8.3	8.3	8.3	8.3	8.3	5.5	5.5	5.5	5.5	5.5
50°	13.8	8.3	8.3	8.3	8.3	5.5	5.5	5.5	5.5	5.5	5.5
47.5°	19.3	13.8	11.0	8.3	8.3	5.5	5.5	5.5	5.5	5.5	2.8
45°	27.6	19.3	13.8	11.0	8.3	5.5	5.5	5.5	5.5	5.5	2.8
42.5°	33.1	24.8	16.5	13.8	11.0	8.3	5.5	5.5	5.5	2.8	2.8
40°	41.3	33.1	22.1	16.5	11.0	8.3	5.5	5.5	5.5	2.8	2.8
37.5°	52.4	41.3	27.6	19.3	13.8	8.3	8.3	5.5	5.5	2.8	2.8
35°	60.6	46.9	35.8	22.1	16.5	11.0	8.3	5.5	5.5	2.8	2.8
32.5°	68.9	55.1	44.1	27.6	19.3	13.8	11.0	5.5	5.5	2.8	2.8
30°	77.2	63.4	49.6	35.8	24.8	16.5	11.0	5.5	5.5	2.8	2.8
27.5°	85.4	68.9	55.1	41.3	27.6	19.3	13.8	8.3	5.5	2.8	2.8
25°	93.7	77.2	60.6	46.9	30.3	22.1	13.8	8.3	5.5	5.5	2.8
22.5°	99.2	85.4	68.9	52.4	35.8	24.8	16.5	11.0	5.5	5.5	2.8
20°	107.5	93.7	74.4	57.9	41.3	27.6	16.5	11.0	5.5	5.5	2.8
17.5°	115.8	99.2	79.9	63.4	46.9	30.3	19.3	13.8	5.5	5.5	2.8
15°	124.0	104.7	85.4	66.2	49.6	33.1	19.3	13.8	5.5	5.5	2.8
12.5°	132.3	113.0	91.0	71.7	52.4	35.8	22.1	16.5	8.3	5.5	2.8
10°	137.8	118.5	96.5	74.4	55.1	41.3	24.8	16.5	8.3	5.5	2.8
7.5°	146.1	124.0	102.0	79.9	57.9	44.1	27.6	16.5	8.3	5.5	2.8
5°	148.8	129.6	104.7	85.4	60.6	46.9	30.3	19.3	8.3	5.5	2.8
2.5°	151.6	135.1	107.5	88.2	63.4	46.9	30.3	19.3	11.0	5.5	2.8
0°	154.4	137.8	110.3	91.0	66.2	49.6	33.1	19.3	11.0	5.5	2.8
-2.5°	157.1	140.6	115.8	93.7	68.9	52.4	35.8	19.3	11.0	5.5	2.8
-5°	159.9	140.6	121.3	96.5	71.7	52.4	35.8	22.1	13.8	5.5	2.8
-7.5°	162.6	143.3	124.0	99.2	74.4	52.4	38.6	22.1	13.8	8.3	2.8
-10°	165.4	146.1	126.8	102.0	74.4	55.1	38.6	22.1	13.8	8.3	2.8
-12.5°	168.1	148.8	126.8	102.0	77.2	55.1	38.6	24.8	13.8	8.3	2.8
-15°	170.9	148.8	126.8	102.0	77.2	57.9	41.3	24.8	13.8	8.3	5.5
-17.5°	170.9	148.8	126.8	104.7	77.2	57.9	41.3	24.8	13.8	8.3	5.5
-20°	170.9	148.8	126.8	104.7	77.2	57.9	41.3	24.8	13.8	8.3	5.5



REPORT NUMBER: P724072

CATALOG NUMBER: IFLD-S-SA2E-730-U-22-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	168.1	146.1	126.8	102.0	77.2	57.9	41.3	24.8	16.5	8.3	5.5
-25°	168.1	146.1	126.8	102.0	77.2	57.9	38.6	24.8	16.5	8.3	5.5
-27.5°	165.4	146.1	124.0	99.2	74.4	55.1	38.6	24.8	16.5	8.3	5.5
-30°	162.6	143.3	121.3	96.5	74.4	55.1	38.6	24.8	16.5	8.3	5.5
-32.5°	159.9	137.8	118.5	93.7	71.7	52.4	38.6	24.8	16.5	8.3	5.5
-35°	154.4	135.1	113.0	91.0	68.9	52.4	35.8	24.8	16.5	11.0	5.5
-37.5°	148.8	129.6	110.3	88.2	66.2	49.6	35.8	24.8	16.5	11.0	5.5
-40°	143.3	126.8	104.7	82.7	63.4	46.9	35.8	24.8	16.5	11.0	8.3
-42.5°	137.8	121.3	102.0	79.9	63.4	46.9	33.1	24.8	16.5	11.0	8.3
-45°	135.1	118.5	96.5	77.2	60.6	46.9	33.1	22.1	16.5	11.0	8.3
-47.5°	129.6	110.3	91.0	74.4	57.9	44.1	30.3	22.1	16.5	11.0	8.3
-50°	121.3	104.7	88.2	71.7	55.1	41.3	30.3	22.1	16.5	11.0	8.3
-52.5°	113.0	96.5	82.7	66.2	52.4	41.3	30.3	22.1	16.5	11.0	8.3
-55°	104.7	91.0	77.2	63.4	49.6	38.6	27.6	22.1	16.5	11.0	8.3
-57.5°	99.2	85.4	71.7	57.9	46.9	35.8	27.6	19.3	13.8	11.0	8.3
-60°	93.7	79.9	66.2	55.1	44.1	35.8	27.6	19.3	13.8	11.0	5.5
-62.5°	85.4	74.4	60.6	52.4	41.3	33.1	24.8	19.3	13.8	11.0	5.5
-65°	77.2	66.2	55.1	46.9	38.6	30.3	24.8	19.3	13.8	11.0	5.5
-67.5°	68.9	60.6	52.4	44.1	35.8	30.3	24.8	19.3	13.8	8.3	5.5
-70°	63.4	55.1	46.9	41.3	35.8	27.6	24.8	19.3	13.8	8.3	5.5
-72.5°	55.1	49.6	44.1	38.6	33.1	30.3	24.8	19.3	11.0	8.3	5.5
-75°	52.4	46.9	41.3	38.6	35.8	30.3	24.8	16.5	11.0	8.3	5.5
-77.5°	52.4	46.9	44.1	41.3	35.8	30.3	22.1	13.8	8.3	8.3	5.5
-80°	52.4	49.6	46.9	38.6	33.1	24.8	16.5	13.8	8.3	5.5	2.8
-82.5°	46.9	38.6	33.1	27.6	24.8	19.3	13.8	11.0	5.5	5.5	2.8
-85°	30.3	24.8	22.1	19.3	16.5	13.8	8.3	5.5	5.5	2.8	2.8
-87.5°	13.8	13.8	11.0	8.3	8.3	5.5	5.5	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: P724072
 CATALOG NUMBER: IFLD-S-SA2E-730-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: P724072

CATALOG NUMBER: IFLD-S-SA2E-730-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)