

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: P724015

Luminaire Tested: **IFLD-S-SA3A-722-U-22-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P724015
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA3A-722-U-22-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 2 distribution lens and Visor
Light Source: (48) 2200K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

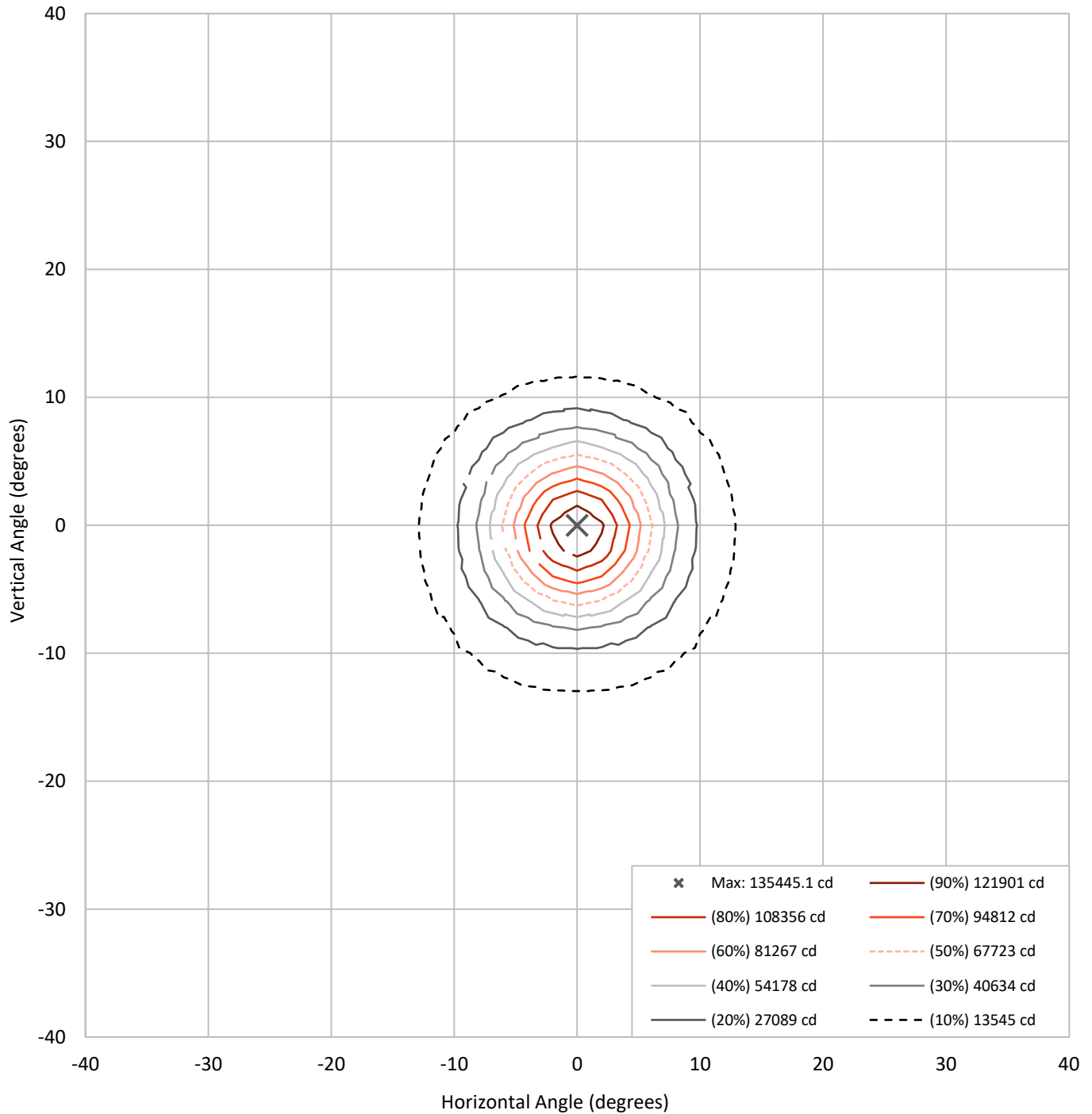
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	9460.9 lumens	Max Intensity:	135445.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	99.8 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	12.2°H x 11.7°V	Field Angle (10%):	25.1°H x 24.3°V
Beam Lumens:	2959.8 lumens	Field Lumens:	6734.6 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



REPORT NUMBER: P724015
CATALOG NUMBER: IFLD-S-SA3A-722-U-22-VI

Iso-Candela Plot





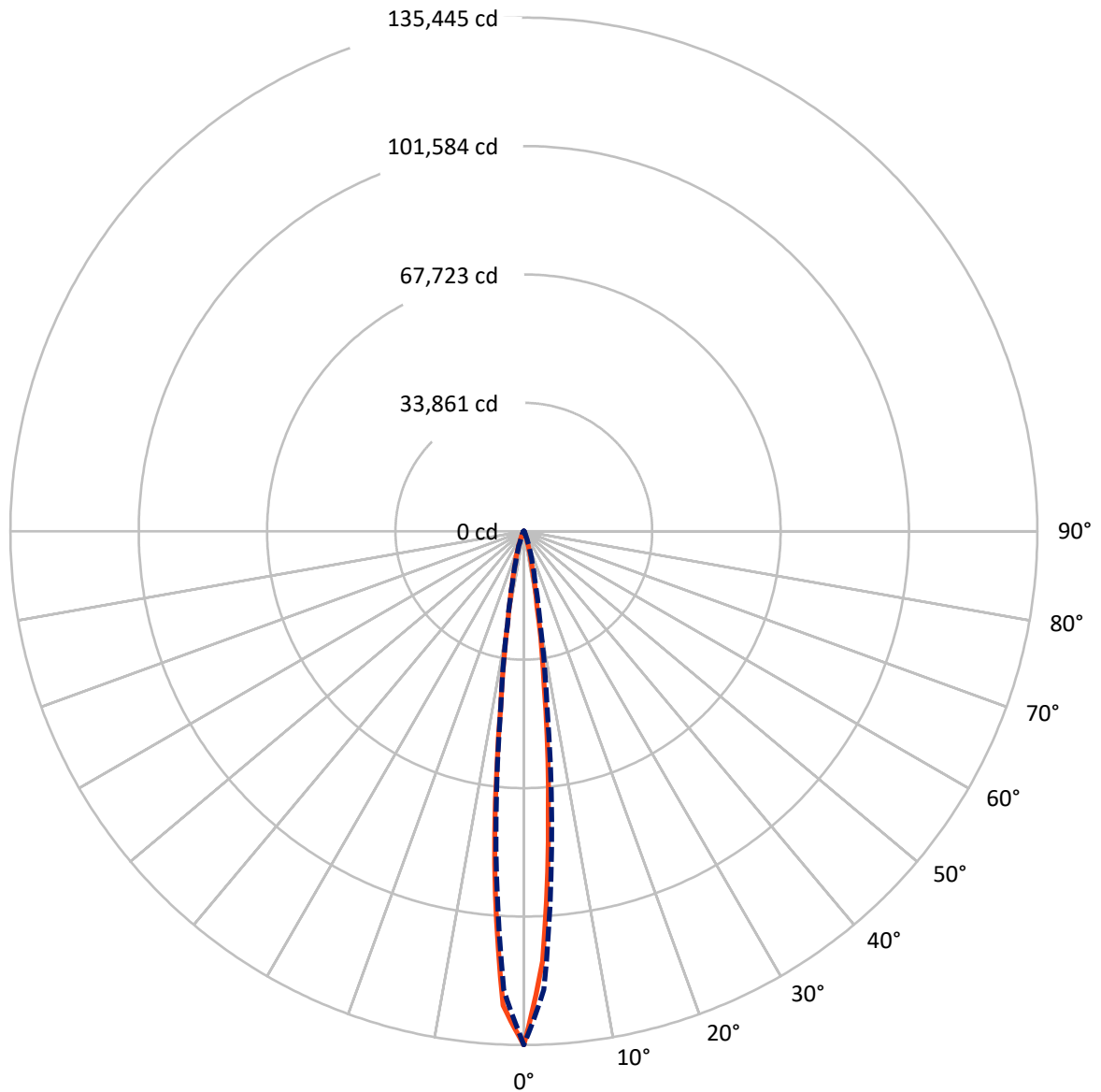
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Lumen Table

90	0.1	0.6		0.5		0.2		0.0		0.2		0.5		0.6		0.1			
80	0.1	0.6		0.5		0.2		0.0		0.2		0.5		0.6		0.1			
70	0.1	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			
60		0.1	0.1	0.3	0.5	0.7	0.9	1.0	1.0	0.9	0.7	0.5	0.3	0.1	0.1				
50	0.1	0.1	0.3	0.8	1.3	1.9	2.5	3.0	3.0	2.5	1.9	1.3	0.8	0.3	0.1	0.1			
40		0.2	0.7	1.4	2.4	3.8	5.8	6.9	6.9	5.8	3.8	2.4	1.4	0.7	0.2				
30	0.1	0.3	1.0	2.1	3.8	6.5	12.6	20.4	20.4	12.6	6.5	3.8	2.1	1.0	0.3	0.1			
20		0.4	1.4	2.8	5.8	14.3	74.5	188.6	188.6	74.5	14.3	5.8	2.8	1.4	0.4				
10	0.2	0.5	1.6	3.3	7.0	29.0	240.1	1479.3	1479.3	240.1	29.0	7.0	3.3	1.6	0.5	0.2			
0		0.6	1.8	3.5	7.3	33.0	264.2	1629.2	1629.2	264.2	33.0	7.3	3.5	1.8	0.6				
-10	0.2	0.7	1.8	3.5	6.9	19.8	118.6	285.7	285.7	118.6	19.8	6.9	3.5	1.8	0.7	0.2			
-20		0.6	1.8	3.3	5.8	10.1	24.5	46.0	46.0	24.5	10.1	5.8	3.3	1.8	0.6				
-30	0.2	0.6	1.7	3.1	4.8	7.1	10.1	11.9	11.9	10.1	7.1	4.8	3.1	1.7	0.6	0.2			
-40		0.5	1.5	2.8	4.2	5.6	7.0	7.8	7.8	7.0	5.6	4.2	2.8	1.5	0.5				
-50	0.2	0.4	1.2	2.3	3.7	4.9	6.0	6.5	6.5	6.0	4.9	3.7	2.3	1.2	0.4	0.2			
-60		0.3	0.8	1.7	2.8	3.9	4.9	5.4	5.4	4.9	3.9	2.8	1.7	0.8	0.3				
-70	0.1	1.3		3.5		6.5		7.9		6.5		3.5		1.3		0.1			
-80		1.3		3.5		6.5		7.9		6.5		3.5		1.3					
-90	0.1	1.3		3.5		6.5		7.9		6.5		3.5		1.3		0.1			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

REPORT NUMBER: P724015
CATALOG NUMBER: IFLD-S-SA3A-722-U-22-VI

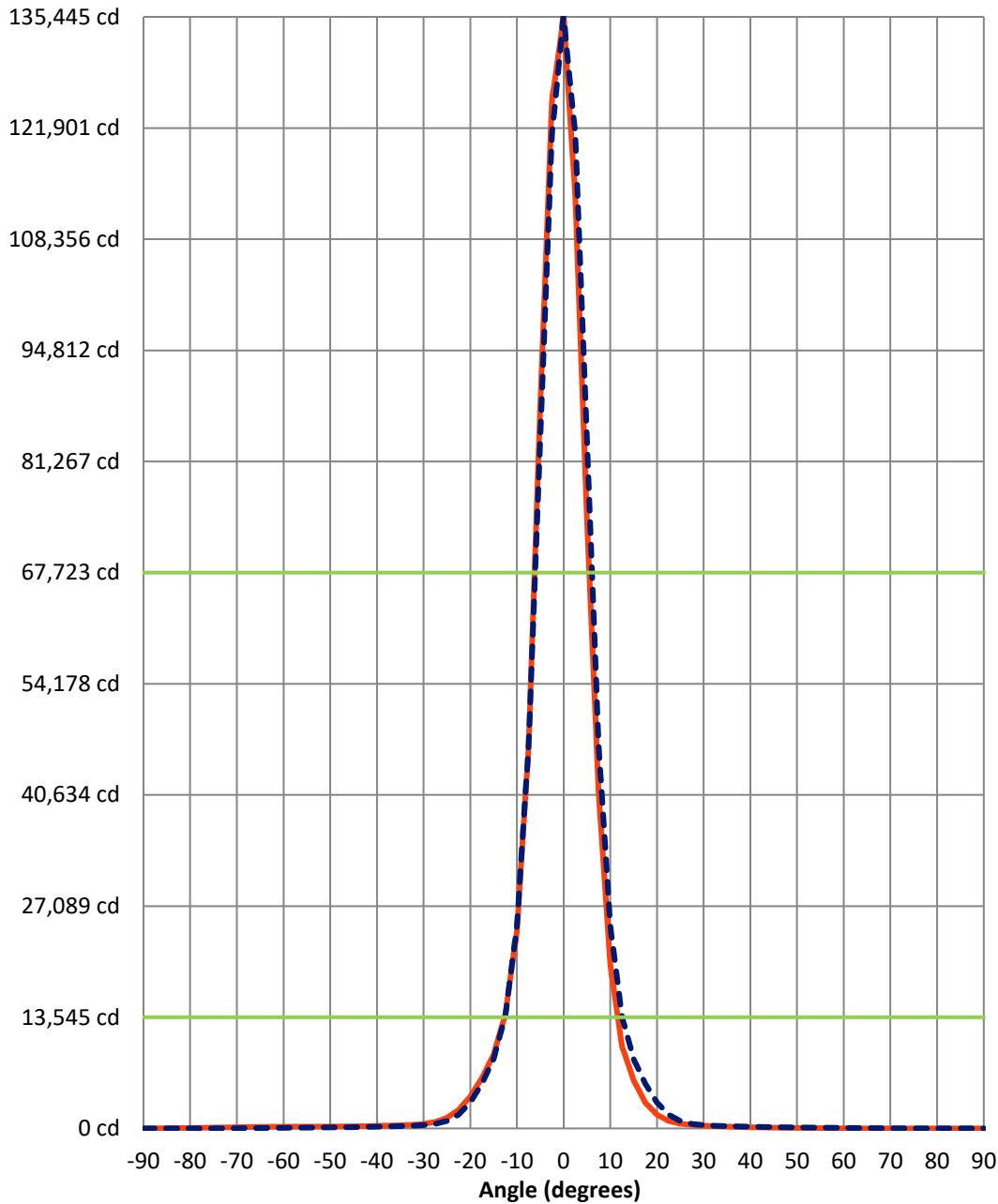
Luminous Intensity Polar Plot



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

REPORT NUMBER: P724015
 CATALOG NUMBER: IFLD-S-SA3A-722-U-22-VI

Luminous Intensity Plot



Beam:
 H Angle: 12.2°
 V Angle: 11.7°
 Lumens: 2959.8
 Efficiency: 31.3%

Field:
 H Angle: 25.1°
 V Angle: 24.3°
 Lumens: 6734.6
 Efficiency: 71.2%

Spill:
 Lumens: 2726.3
 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	1.7	1.7
85°	0.0	0.0	0.0	0.0	1.7	1.7	1.7	1.7	1.7	3.4	3.4
82.5°	0.0	0.0	0.0	0.0	1.7	1.7	1.7	1.7	3.4	3.4	3.4
80°	0.0	0.0	0.0	0.0	1.7	1.7	1.7	1.7	3.4	3.4	3.4
77.5°	0.0	0.0	0.0	0.0	1.7	1.7	1.7	1.7	1.7	1.7	3.4
75°	0.0	0.0	0.0	0.0	1.7	1.7	1.7	1.7	1.7	1.7	1.7
72.5°	0.0	0.0	0.0	0.0	1.7	1.7	1.7	1.7	1.7	1.7	1.7
70°	0.0	0.0	0.0	0.0	1.7	1.7	1.7	1.7	1.7	1.7	1.7
67.5°	0.0	0.0	0.0	0.0	1.7	1.7	1.7	1.7	1.7	1.7	1.7
65°	0.0	0.0	0.0	0.0	1.7	1.7	1.7	1.7	1.7	1.7	1.7
62.5°	0.0	0.0	0.0	0.0	1.7	1.7	1.7	1.7	1.7	1.7	1.7
60°	3.4	3.4	3.4	3.4	5.1	5.1	6.8	6.8	6.8	3.4	6.8
57.5°	27.1	27.1	25.4	23.7	22.0	20.3	20.3	20.3	20.3	20.3	16.9
55°	37.3	37.3	37.3	35.6	35.6	33.9	32.2	30.5	30.5	28.8	27.1
52.5°	44.1	44.1	44.1	44.1	42.4	42.4	42.4	40.7	37.3	37.3	35.6
50°	62.7	61.0	61.0	61.0	61.0	57.6	55.9	52.5	50.8	49.2	47.5
47.5°	81.4	81.4	79.7	79.7	78.0	74.6	71.2	67.8	64.4	62.7	59.3
45°	96.6	96.6	94.9	94.9	93.2	89.8	84.7	79.7	76.3	72.9	69.5
42.5°	118.6	117.0	115.3	113.6	110.2	105.1	98.3	91.5	86.4	81.4	78.0
40°	142.4	142.4	140.7	139.0	133.9	128.8	120.3	111.9	103.4	93.2	88.1
37.5°	171.2	172.9	174.6	174.6	171.2	164.4	152.5	142.4	128.8	115.3	108.5
35°	223.7	223.7	227.1	227.1	222.0	213.6	205.1	183.1	166.1	149.2	133.9
32.5°	281.4	283.1	276.3	271.2	264.4	254.2	239.0	220.3	201.7	179.7	162.7
30°	337.3	337.3	328.8	318.7	305.1	288.1	269.5	249.2	227.1	205.1	184.7
27.5°	425.4	417.0	410.2	393.2	369.5	337.3	313.6	281.4	252.5	227.1	205.1
25°	571.2	569.5	554.2	525.4	478.0	427.1	388.1	333.9	289.8	250.9	225.4
22.5°	908.5	896.6	861.0	789.8	678.0	589.8	510.2	425.4	345.8	293.2	252.5
20°	1679.7	1640.7	1545.8	1349.2	1098.3	925.4	727.1	584.8	450.9	352.5	291.5
17.5°	3134.0	3108.5	3072.9	2618.7	2108.5	1742.4	1296.6	896.6	640.7	461.0	345.8
15°	5874.7	5686.6	5293.3	4749.2	4035.7	3118.7	2293.3	1447.5	915.3	613.6	439.0
12.5°	10042.6	9834.1	8818.8	7457.8	6174.7	4869.6	3418.7	2200.0	1303.4	779.7	520.3
10°	20010.6	18497.0	15654.6	11683.3	9118.8	6800.1	4800.1	3001.8	1696.6	984.8	617.0
7.5°	40985.6	36039.7	27771.8	19605.5	12690.1	8918.8	6130.6	3925.5	2261.1	1232.2	705.1
5°	74284.6	65509.8	49353.6	29717.6	18427.5	11178.2	7274.7	4667.9	2676.3	1433.9	793.2
2.5°	113427.7	102076.7	71352.3	40863.5	22722.5	12927.4	8074.7	5156.0	2940.7	1571.2	861.0
0°	135445.1	120987.2	84028.8	46784.0	24768.3	13669.8	8466.3	5449.3	3164.5	1683.1	905.1
-2.5°	125117.8	113478.6	77223.6	43458.5	23668.3	13344.3	8522.2	5522.1	3201.8	1713.6	925.4
-5°	88183.2	78630.4	53433.3	32070.1	20081.8	12291.8	8040.8	5247.6	3098.4	1669.5	917.0
-7.5°	46653.5	42331.4	31688.8	23044.5	14657.9	10403.6	7239.1	4761.1	2830.6	1550.9	866.1
-10°	24103.9	23217.4	20007.2	15081.7	11861.3	8715.4	6178.1	4071.3	2366.2	1335.6	779.7
-12.5°	13896.9	13746.0	12713.8	10913.8	9095.1	7159.5	5069.6	3320.4	1974.6	1106.8	657.6
-15°	8998.5	9062.9	8703.6	7954.4	6918.8	5357.7	3895.0	2469.5	1461.0	896.6	579.7
-17.5°	6140.8	6123.9	5956.1	5442.5	4608.6	3618.7	2581.4	1744.1	1106.8	698.3	481.4
-20°	3884.8	3891.6	3735.7	3381.4	2767.9	2230.6	1606.8	1176.3	784.8	549.2	425.4



REPORT NUMBER: P724015
 CATALOG NUMBER: IFLD-S-SA3A-722-U-22-VI

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	2254.3	2259.4	2161.1	1961.1	1639.0	1322.1	1044.1	778.0	578.0	457.6	372.9
-25°	1294.9	1274.6	1235.6	1139.0	988.2	815.3	693.2	547.5	462.7	388.1	340.7
-27.5°	784.8	771.2	750.9	708.5	649.2	562.7	506.8	442.4	393.2	349.2	320.3
-30°	547.5	552.6	535.6	513.6	486.5	447.5	417.0	386.4	354.2	327.1	300.0
-32.5°	435.6	439.0	430.5	422.0	408.5	393.2	374.6	352.5	327.1	301.7	276.3
-35°	374.6	376.3	376.3	374.6	371.2	359.3	345.8	325.4	301.7	278.0	255.9
-37.5°	344.1	345.8	345.8	344.1	339.0	328.8	315.3	298.3	276.3	254.2	237.3
-40°	311.9	313.6	311.9	308.5	303.4	293.2	283.1	269.5	252.5	233.9	218.6
-42.5°	281.4	279.7	278.0	274.6	269.5	262.7	254.2	244.1	232.2	218.6	206.8
-45°	252.5	252.5	250.9	249.2	245.8	240.7	235.6	227.1	218.6	208.5	198.3
-47.5°	237.3	237.3	235.6	233.9	232.2	228.8	223.7	217.0	210.2	201.7	193.2
-50°	227.1	227.1	227.1	225.4	223.7	220.3	215.3	210.2	203.4	194.9	186.4
-52.5°	220.3	220.3	220.3	218.6	217.0	215.3	210.2	203.4	194.9	188.1	181.4
-55°	217.0	215.3	215.3	213.6	211.9	210.2	203.4	196.6	189.8	183.1	176.3
-57.5°	211.9	210.2	210.2	208.5	206.8	205.1	198.3	191.5	184.7	176.3	171.2
-60°	206.8	205.1	205.1	201.7	200.0	198.3	191.5	184.7	178.0	171.2	164.4
-62.5°	200.0	198.3	196.6	194.9	191.5	188.1	183.1	176.3	167.8	161.0	154.2
-65°	184.7	183.1	181.4	179.7	178.0	176.3	171.2	162.7	155.9	149.2	142.4
-67.5°	166.1	166.1	166.1	162.7	161.0	157.6	154.2	147.5	140.7	133.9	128.8
-70°	144.1	144.1	144.1	140.7	139.0	137.3	132.2	127.1	122.0	117.0	110.2
-72.5°	122.0	120.3	120.3	118.6	115.3	113.6	110.2	106.8	101.7	98.3	93.2
-75°	100.0	98.3	98.3	96.6	94.9	93.2	89.8	88.1	84.7	81.4	76.3
-77.5°	79.7	79.7	79.7	78.0	76.3	74.6	72.9	71.2	69.5	66.1	62.7
-80°	61.0	61.0	61.0	61.0	61.0	61.0	61.0	59.3	55.9	54.2	52.5
-82.5°	44.1	45.8	45.8	45.8	45.8	45.8	45.8	45.8	44.1	42.4	40.7
-85°	28.8	30.5	30.5	32.2	33.9	33.9	35.6	33.9	32.2	28.8	27.1
-87.5°	15.3	15.3	15.3	15.3	15.3	15.3	15.3	13.6	13.6	13.6	11.9
-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: P724015
 CATALOG NUMBER: IFLD-S-SA3A-722-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°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	3.4	3.4	3.4
85°	3.4	3.4	3.4	3.4	5.1	5.1	5.1	6.8	6.8	6.8	6.8
82.5°	3.4	5.1	5.1	5.1	6.8	6.8	8.5	10.2	13.6	15.3	15.3
80°	3.4	5.1	5.1	5.1	6.8	6.8	8.5	8.5	10.2	11.9	15.3
77.5°	3.4	3.4	5.1	5.1	5.1	6.8	6.8	8.5	8.5	10.2	11.9
75°	1.7	3.4	3.4	3.4	5.1	5.1	6.8	6.8	8.5	8.5	10.2
72.5°	1.7	3.4	3.4	3.4	5.1	5.1	6.8	6.8	6.8	8.5	8.5
70°	1.7	3.4	3.4	3.4	3.4	5.1	5.1	5.1	6.8	6.8	6.8
67.5°	1.7	1.7	1.7	3.4	3.4	3.4	3.4	5.1	5.1	5.1	6.8
65°	1.7	1.7	1.7	1.7	3.4	3.4	3.4	3.4	5.1	5.1	5.1
62.5°	1.7	1.7	1.7	3.4	3.4	3.4	3.4	3.4	5.1	5.1	5.1
60°	6.8	6.8	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1
57.5°	15.3	15.3	13.6	11.9	10.2	10.2	8.5	6.8	6.8	5.1	5.1
55°	25.4	23.7	22.0	18.6	16.9	15.3	13.6	10.2	8.5	6.8	5.1
52.5°	32.2	30.5	28.8	27.1	23.7	20.3	18.6	16.9	13.6	10.2	8.5
50°	47.5	42.4	39.0	35.6	32.2	28.8	25.4	23.7	18.6	15.3	11.9
47.5°	57.6	54.2	49.2	45.8	42.4	37.3	32.2	28.8	25.4	20.3	15.3
45°	66.1	62.7	57.6	54.2	50.8	45.8	40.7	35.6	32.2	27.1	20.3
42.5°	74.6	71.2	66.1	62.7	57.6	52.5	47.5	42.4	37.3	33.9	27.1
40°	86.4	81.4	74.6	71.2	67.8	61.0	54.2	49.2	44.1	39.0	32.2
37.5°	101.7	96.6	88.1	81.4	76.3	71.2	64.4	57.6	52.5	45.8	39.0
35°	125.4	117.0	105.1	94.9	88.1	81.4	72.9	66.1	59.3	52.5	45.8
32.5°	149.2	135.6	120.3	108.5	98.3	89.8	81.4	74.6	66.1	57.6	50.8
30°	167.8	152.5	137.3	120.3	108.5	98.3	89.8	81.4	72.9	64.4	55.9
27.5°	186.4	169.5	152.5	135.6	118.6	105.1	96.6	88.1	79.7	71.2	61.0
25°	205.1	186.4	169.5	150.9	130.5	115.3	103.4	96.6	88.1	78.0	66.1
22.5°	222.0	205.1	188.1	167.8	144.1	123.7	111.9	103.4	94.9	83.1	72.9
20°	254.2	232.2	211.9	186.4	159.3	139.0	123.7	111.9	101.7	89.8	78.0
17.5°	296.6	264.4	237.3	208.5	181.4	155.9	133.9	120.3	110.2	96.6	83.1
15°	350.9	294.9	261.0	232.2	200.0	171.2	147.5	128.8	115.3	101.7	89.8
12.5°	391.5	318.7	281.4	254.2	220.3	188.1	157.6	135.6	120.3	106.8	93.2
10°	437.3	344.1	298.3	267.8	232.2	196.6	164.4	140.7	123.7	111.9	98.3
7.5°	474.6	364.4	306.8	272.9	239.0	203.4	171.2	145.8	128.8	115.3	101.7
5°	508.5	381.4	313.6	274.6	242.4	208.5	174.6	149.2	132.2	118.6	105.1
2.5°	532.2	396.6	320.3	278.0	245.8	211.9	179.7	152.5	135.6	122.0	108.5
0°	552.6	401.7	318.7	278.0	247.5	211.9	181.4	154.2	137.3	123.7	110.2
-2.5°	559.3	410.2	327.1	281.4	250.9	215.3	184.7	155.9	139.0	125.4	113.6
-5°	559.3	403.4	327.1	284.8	252.5	217.0	184.7	157.6	140.7	127.1	113.6
-7.5°	539.0	393.2	325.4	288.1	254.2	218.6	184.7	159.3	142.4	128.8	115.3
-10°	503.4	378.0	323.7	289.8	254.2	217.0	184.7	159.3	142.4	128.8	117.0
-12.5°	445.8	357.6	315.3	286.4	250.9	213.6	183.1	159.3	142.4	130.5	117.0
-15°	417.0	340.7	305.1	276.3	242.4	208.5	179.7	157.6	142.4	130.5	118.6
-17.5°	378.0	327.1	294.9	266.1	235.6	203.4	176.3	157.6	142.4	128.8	118.6
-20°	350.9	311.9	283.1	257.6	227.1	198.3	174.6	155.9	142.4	128.8	118.6



REPORT NUMBER: P724015
 CATALOG NUMBER: IFLD-S-SA3A-722-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°	327.1	294.9	269.5	244.1	217.0	191.5	171.2	154.2	140.7	128.8	118.6
-25°	308.5	279.7	255.9	232.2	208.5	186.4	167.8	152.5	139.0	128.8	117.0
-27.5°	291.5	264.4	242.4	220.3	198.3	181.4	164.4	150.9	139.0	127.1	115.3
-30°	272.9	250.9	228.8	208.5	193.2	176.3	161.0	147.5	137.3	125.4	113.6
-32.5°	254.2	233.9	215.3	200.0	186.4	172.9	159.3	145.8	133.9	122.0	110.2
-35°	237.3	218.6	205.1	191.5	181.4	169.5	155.9	142.4	132.2	120.3	110.2
-37.5°	220.3	206.8	194.9	184.7	174.6	164.4	150.9	139.0	128.8	117.0	105.1
-40°	206.8	196.6	188.1	179.7	169.5	157.6	147.5	135.6	125.4	113.6	100.0
-42.5°	198.3	189.8	181.4	172.9	164.4	154.2	144.1	132.2	122.0	110.2	96.6
-45°	189.8	183.1	176.3	169.5	161.0	150.9	139.0	127.1	117.0	105.1	94.9
-47.5°	184.7	178.0	171.2	166.1	159.3	145.8	135.6	123.7	111.9	101.7	89.8
-50°	179.7	172.9	167.8	161.0	152.5	140.7	130.5	118.6	108.5	96.6	86.4
-52.5°	174.6	167.8	161.0	154.2	145.8	135.6	125.4	115.3	103.4	91.5	81.4
-55°	169.5	162.7	155.9	149.2	140.7	132.2	122.0	108.5	96.6	84.7	74.6
-57.5°	164.4	159.3	150.9	142.4	133.9	125.4	113.6	101.7	89.8	78.0	69.5
-60°	157.6	150.9	144.1	133.9	125.4	115.3	105.1	94.9	83.1	72.9	64.4
-62.5°	147.5	140.7	133.9	123.7	115.3	106.8	98.3	86.4	78.0	67.8	59.3
-65°	135.6	128.8	122.0	113.6	105.1	96.6	89.8	79.7	71.2	62.7	55.9
-67.5°	122.0	115.3	110.2	101.7	94.9	86.4	79.7	71.2	62.7	55.9	49.2
-70°	105.1	100.0	94.9	88.1	81.4	74.6	67.8	61.0	54.2	49.2	42.4
-72.5°	89.8	84.7	79.7	74.6	69.5	62.7	57.6	52.5	47.5	42.4	39.0
-75°	72.9	69.5	66.1	62.7	57.6	52.5	49.2	44.1	40.7	37.3	35.6
-77.5°	61.0	57.6	54.2	50.8	47.5	44.1	40.7	37.3	35.6	33.9	32.2
-80°	49.2	47.5	45.8	42.4	40.7	37.3	35.6	32.2	32.2	32.2	32.2
-82.5°	39.0	37.3	35.6	33.9	32.2	30.5	30.5	28.8	30.5	30.5	28.8
-85°	27.1	25.4	23.7	23.7	22.0	22.0	20.3	20.3	20.3	18.6	18.6
-87.5°	11.9	11.9	11.9	11.9	10.2	10.2	10.2	10.2	10.2	8.5	8.5
-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: P724015
 CATALOG NUMBER: IFLD-S-SA3A-722-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°	3.4	3.4	1.7	1.7	1.7	1.7	1.7	1.7	1.7	0.0	0.0
85°	6.8	6.8	5.1	5.1	5.1	3.4	3.4	1.7	1.7	1.7	1.7
82.5°	15.3	13.6	11.9	10.2	8.5	6.8	5.1	3.4	3.4	1.7	1.7
80°	18.6	18.6	18.6	16.9	13.6	10.2	6.8	5.1	3.4	1.7	1.7
77.5°	13.6	13.6	15.3	16.9	16.9	13.6	8.5	5.1	3.4	3.4	1.7
75°	10.2	10.2	10.2	11.9	13.6	13.6	10.2	6.8	3.4	3.4	1.7
72.5°	10.2	10.2	10.2	10.2	10.2	10.2	10.2	6.8	5.1	3.4	3.4
70°	8.5	8.5	8.5	8.5	8.5	8.5	8.5	6.8	5.1	3.4	3.4
67.5°	6.8	6.8	8.5	8.5	8.5	6.8	6.8	6.8	5.1	3.4	3.4
65°	5.1	6.8	6.8	8.5	6.8	6.8	6.8	5.1	5.1	3.4	3.4
62.5°	5.1	5.1	6.8	6.8	6.8	6.8	5.1	5.1	5.1	3.4	3.4
60°	5.1	5.1	5.1	6.8	5.1	5.1	5.1	5.1	5.1	3.4	3.4
57.5°	5.1	5.1	5.1	5.1	5.1	5.1	5.1	3.4	3.4	3.4	3.4
55°	5.1	5.1	5.1	5.1	5.1	5.1	3.4	3.4	3.4	3.4	3.4
52.5°	6.8	5.1	5.1	5.1	5.1	5.1	3.4	3.4	3.4	3.4	3.4
50°	8.5	5.1	5.1	5.1	5.1	3.4	3.4	3.4	3.4	3.4	3.4
47.5°	11.9	8.5	6.8	5.1	5.1	3.4	3.4	3.4	3.4	3.4	1.7
45°	16.9	11.9	8.5	6.8	5.1	3.4	3.4	3.4	3.4	3.4	1.7
42.5°	20.3	15.3	10.2	8.5	6.8	5.1	3.4	3.4	3.4	1.7	1.7
40°	25.4	20.3	13.6	10.2	6.8	5.1	3.4	3.4	3.4	1.7	1.7
37.5°	32.2	25.4	16.9	11.9	8.5	5.1	5.1	3.4	3.4	1.7	1.7
35°	37.3	28.8	22.0	13.6	10.2	6.8	5.1	3.4	3.4	1.7	1.7
32.5°	42.4	33.9	27.1	16.9	11.9	8.5	6.8	3.4	3.4	1.7	1.7
30°	47.5	39.0	30.5	22.0	15.3	10.2	6.8	3.4	3.4	1.7	1.7
27.5°	52.5	42.4	33.9	25.4	16.9	11.9	8.5	5.1	3.4	1.7	1.7
25°	57.6	47.5	37.3	28.8	18.6	13.6	8.5	5.1	3.4	3.4	1.7
22.5°	61.0	52.5	42.4	32.2	22.0	15.3	10.2	6.8	3.4	3.4	1.7
20°	66.1	57.6	45.8	35.6	25.4	16.9	10.2	6.8	3.4	3.4	1.7
17.5°	71.2	61.0	49.2	39.0	28.8	18.6	11.9	8.5	3.4	3.4	1.7
15°	76.3	64.4	52.5	40.7	30.5	20.3	11.9	8.5	3.4	3.4	1.7
12.5°	81.4	69.5	55.9	44.1	32.2	22.0	13.6	10.2	5.1	3.4	1.7
10°	84.7	72.9	59.3	45.8	33.9	25.4	15.3	10.2	5.1	3.4	1.7
7.5°	89.8	76.3	62.7	49.2	35.6	27.1	16.9	10.2	5.1	3.4	1.7
5°	91.5	79.7	64.4	52.5	37.3	28.8	18.6	11.9	5.1	3.4	1.7
2.5°	93.2	83.1	66.1	54.2	39.0	28.8	18.6	11.9	6.8	3.4	1.7
0°	94.9	84.7	67.8	55.9	40.7	30.5	20.3	11.9	6.8	3.4	1.7
-2.5°	96.6	86.4	71.2	57.6	42.4	32.2	22.0	11.9	6.8	3.4	1.7
-5°	98.3	86.4	74.6	59.3	44.1	32.2	22.0	13.6	8.5	3.4	1.7
-7.5°	100.0	88.1	76.3	61.0	45.8	32.2	23.7	13.6	8.5	5.1	1.7
-10°	101.7	89.8	78.0	62.7	45.8	33.9	23.7	13.6	8.5	5.1	1.7
-12.5°	103.4	91.5	78.0	62.7	47.5	33.9	23.7	15.3	8.5	5.1	1.7
-15°	105.1	91.5	78.0	62.7	47.5	35.6	25.4	15.3	8.5	5.1	3.4
-17.5°	105.1	91.5	78.0	64.4	47.5	35.6	25.4	15.3	8.5	5.1	3.4
-20°	105.1	91.5	78.0	64.4	47.5	35.6	25.4	15.3	8.5	5.1	3.4



REPORT NUMBER: P724015
 CATALOG NUMBER: IFLD-S-SA3A-722-U-22-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	103.4	89.8	78.0	62.7	47.5	35.6	25.4	15.3	10.2	5.1	3.4
-25°	103.4	89.8	78.0	62.7	47.5	35.6	23.7	15.3	10.2	5.1	3.4
-27.5°	101.7	89.8	76.3	61.0	45.8	33.9	23.7	15.3	10.2	5.1	3.4
-30°	100.0	88.1	74.6	59.3	45.8	33.9	23.7	15.3	10.2	5.1	3.4
-32.5°	98.3	84.7	72.9	57.6	44.1	32.2	23.7	15.3	10.2	5.1	3.4
-35°	94.9	83.1	69.5	55.9	42.4	32.2	22.0	15.3	10.2	6.8	3.4
-37.5°	91.5	79.7	67.8	54.2	40.7	30.5	22.0	15.3	10.2	6.8	3.4
-40°	88.1	78.0	64.4	50.8	39.0	28.8	22.0	15.3	10.2	6.8	5.1
-42.5°	84.7	74.6	62.7	49.2	39.0	28.8	20.3	15.3	10.2	6.8	5.1
-45°	83.1	72.9	59.3	47.5	37.3	28.8	20.3	13.6	10.2	6.8	5.1
-47.5°	79.7	67.8	55.9	45.8	35.6	27.1	18.6	13.6	10.2	6.8	5.1
-50°	74.6	64.4	54.2	44.1	33.9	25.4	18.6	13.6	10.2	6.8	5.1
-52.5°	69.5	59.3	50.8	40.7	32.2	25.4	18.6	13.6	10.2	6.8	5.1
-55°	64.4	55.9	47.5	39.0	30.5	23.7	16.9	13.6	10.2	6.8	5.1
-57.5°	61.0	52.5	44.1	35.6	28.8	22.0	16.9	11.9	8.5	6.8	5.1
-60°	57.6	49.2	40.7	33.9	27.1	22.0	16.9	11.9	8.5	6.8	3.4
-62.5°	52.5	45.8	37.3	32.2	25.4	20.3	15.3	11.9	8.5	6.8	3.4
-65°	47.5	40.7	33.9	28.8	23.7	18.6	15.3	11.9	8.5	6.8	3.4
-67.5°	42.4	37.3	32.2	27.1	22.0	18.6	15.3	11.9	8.5	5.1	3.4
-70°	39.0	33.9	28.8	25.4	22.0	16.9	15.3	11.9	8.5	5.1	3.4
-72.5°	33.9	30.5	27.1	23.7	20.3	18.6	15.3	11.9	6.8	5.1	3.4
-75°	32.2	28.8	25.4	23.7	22.0	18.6	15.3	10.2	6.8	5.1	3.4
-77.5°	32.2	28.8	27.1	25.4	22.0	18.6	13.6	8.5	5.1	5.1	3.4
-80°	32.2	30.5	28.8	23.7	20.3	15.3	10.2	8.5	5.1	3.4	1.7
-82.5°	28.8	23.7	20.3	16.9	15.3	11.9	8.5	6.8	3.4	3.4	1.7
-85°	18.6	15.3	13.6	11.9	10.2	8.5	5.1	3.4	3.4	1.7	1.7
-87.5°	8.5	8.5	6.8	5.1	5.1	3.4	3.4	1.7	1.7	1.7	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: P724015
 CATALOG NUMBER: IFLD-S-SA3A-722-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°	1.7	0.0	0.0	0.0
77.5°	1.7	0.0	0.0	0.0
75°	1.7	1.7	0.0	0.0
72.5°	1.7	1.7	0.0	0.0
70°	1.7	1.7	0.0	0.0
67.5°	1.7	1.7	0.0	0.0
65°	1.7	1.7	0.0	0.0
62.5°	1.7	1.7	0.0	0.0
60°	1.7	1.7	0.0	0.0
57.5°	1.7	1.7	1.7	0.0
55°	1.7	1.7	1.7	0.0
52.5°	1.7	1.7	1.7	0.0
50°	1.7	1.7	1.7	0.0
47.5°	1.7	1.7	1.7	0.0
45°	1.7	1.7	1.7	0.0
42.5°	1.7	1.7	1.7	0.0
40°	1.7	1.7	1.7	0.0
37.5°	1.7	1.7	1.7	0.0
35°	1.7	1.7	1.7	0.0
32.5°	1.7	1.7	1.7	0.0
30°	1.7	1.7	1.7	0.0
27.5°	1.7	1.7	1.7	0.0
25°	1.7	1.7	1.7	0.0
22.5°	1.7	1.7	1.7	0.0
20°	1.7	1.7	1.7	0.0
17.5°	1.7	1.7	1.7	0.0
15°	1.7	1.7	1.7	0.0
12.5°	1.7	1.7	1.7	0.0
10°	1.7	1.7	1.7	0.0
7.5°	1.7	1.7	1.7	0.0
5°	1.7	1.7	1.7	0.0
2.5°	1.7	1.7	1.7	0.0
0°	1.7	1.7	1.7	0.0
-2.5°	1.7	1.7	1.7	0.0
-5°	1.7	1.7	1.7	0.0
-7.5°	1.7	1.7	1.7	0.0
-10°	1.7	1.7	1.7	0.0
-12.5°	1.7	1.7	1.7	0.0
-15°	1.7	1.7	1.7	0.0
-17.5°	1.7	1.7	1.7	0.0
-20°	1.7	1.7	1.7	0.0



REPORT NUMBER: P724015
CATALOG NUMBER: IFLD-S-SA3A-722-U-22-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	1.7	1.7	1.7	0.0
-25°	1.7	1.7	1.7	0.0
-27.5°	1.7	1.7	1.7	0.0
-30°	1.7	1.7	1.7	0.0
-32.5°	1.7	1.7	1.7	0.0
-35°	1.7	1.7	1.7	0.0
-37.5°	1.7	1.7	1.7	0.0
-40°	1.7	1.7	1.7	0.0
-42.5°	1.7	1.7	1.7	0.0
-45°	1.7	1.7	1.7	0.0
-47.5°	1.7	1.7	1.7	0.0
-50°	1.7	1.7	1.7	0.0
-52.5°	1.7	1.7	1.7	0.0
-55°	1.7	1.7	1.7	0.0
-57.5°	1.7	1.7	1.7	0.0
-60°	1.7	1.7	0.0	0.0
-62.5°	1.7	1.7	0.0	0.0
-65°	1.7	1.7	0.0	0.0
-67.5°	1.7	1.7	0.0	0.0
-70°	1.7	1.7	0.0	0.0
-72.5°	1.7	1.7	0.0	0.0
-75°	1.7	1.7	0.0	0.0
-77.5°	1.7	0.0	0.0	0.0
-80°	1.7	0.0	0.0	0.0
-82.5°	1.7	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)