

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: P724013

Luminaire Tested: **IFLD-S-SA2D-722-U-22-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P724013
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA2D-722-U-22-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 2 distribution lens and Visor
Light Source: (32) 2200K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

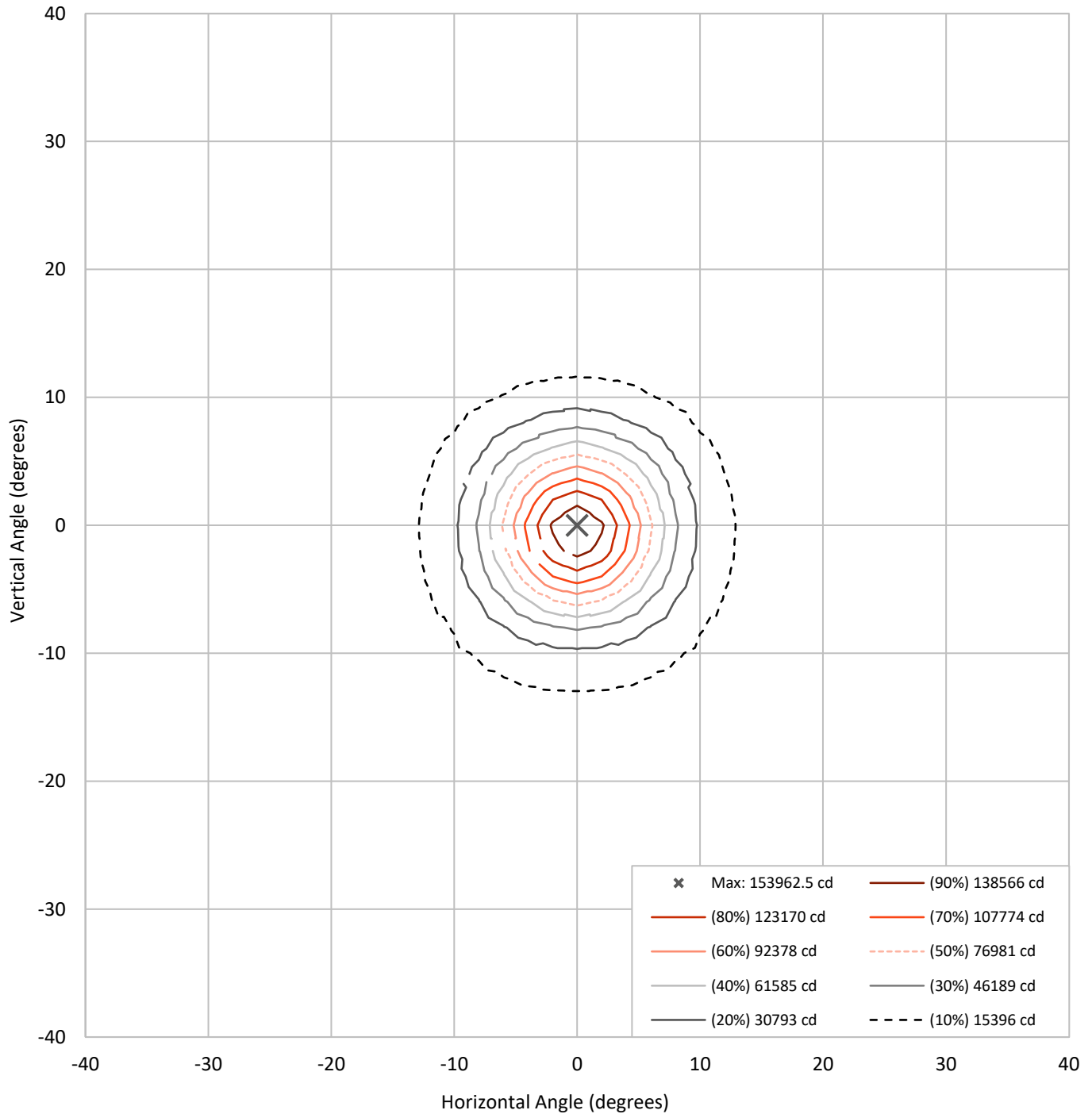
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	10754.3 lumens	Max Intensity:	153962.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	86.8 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	12.2°H x 11.7°V	Field Angle (10%):	25.1°H x 24.3°V
Beam Lumens:	3364.5 lumens	Field Lumens:	7655.3 lumens
Beam Efficiency:	31.3%	Field Efficiency:	71.2%

Input Watts (W): 123.9
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





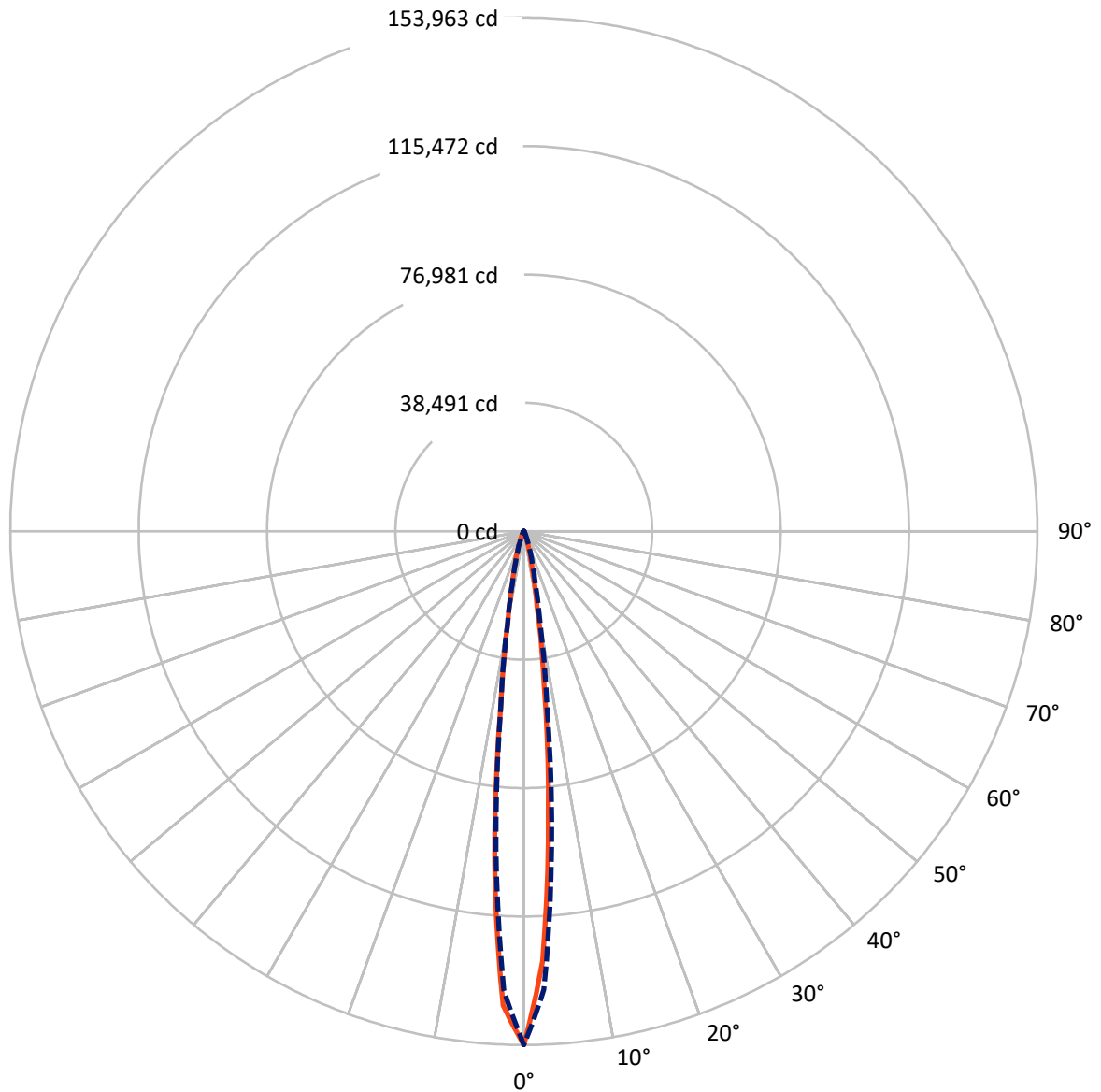
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Lumen Table

90	0.1	0.6		0.6		0.2		0.0		0.2		0.6		0.6		0.1			
80	0.1	0.6		0.6		0.2		0.0		0.2		0.6		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	0.6	0.8	1.0	1.2	1.2	1.0	0.8	0.6	0.3	0.1	0.1				
50	0.1	0.1	0.3	0.9	1.5	2.2	2.9	3.4	3.4	2.9	2.2	1.5	0.9	0.3	0.1	0.1			
40		0.2	0.7	1.6	2.7	4.3	6.5	7.8	7.8	6.5	4.3	2.7	1.6	0.7	0.2				
30	0.1	0.3	1.2	2.4	4.3	7.4	14.3	23.1	23.1	14.3	7.4	4.3	2.4	1.2	0.3	0.1			
20		0.5	1.5	3.2	6.5	16.2	84.7	214.4	214.4	84.7	16.2	6.5	3.2	1.5	0.5				
10	0.2	0.6	1.8	3.8	8.0	32.9	272.9	1681.6	1681.6	272.9	32.9	8.0	3.8	1.8	0.6	0.2			
0		0.7	2.0	4.0	8.3	37.5	300.3	1851.9	1851.9	300.3	37.5	8.3	4.0	2.0	0.7				
-10	0.2	0.7	2.1	4.0	7.8	22.5	134.8	324.8	324.8	134.8	22.5	7.8	4.0	2.1	0.7	0.2			
-20		0.7	2.1	3.8	6.6	11.5	27.9	52.3	52.3	27.9	11.5	6.6	3.8	2.1	0.7				
-30	0.2	0.7	1.9	3.5	5.5	8.1	11.5	13.5	13.5	11.5	8.1	5.5	3.5	1.9	0.7	0.2			
-40		0.6	1.7	3.1	4.8	6.3	8.0	8.9	8.9	8.0	6.3	4.8	3.1	1.7	0.6				
-50	0.2	0.5	1.3	2.7	4.2	5.5	6.8	7.4	7.4	6.8	5.5	4.2	2.7	1.3	0.5	0.2			
-60		0.4	1.0	1.9	3.2	4.4	5.6	6.2	6.2	5.6	4.4	3.2	1.9	1.0	0.4				
-70	0.1	1.5		4.0		7.4		9.0		7.4		4.0		1.5		0.1			
-80		1.5		4.0		7.4		9.0		7.4		4.0		1.5					
-90	0.1	1.5		4.0		7.4		9.0		7.4		4.0		1.5		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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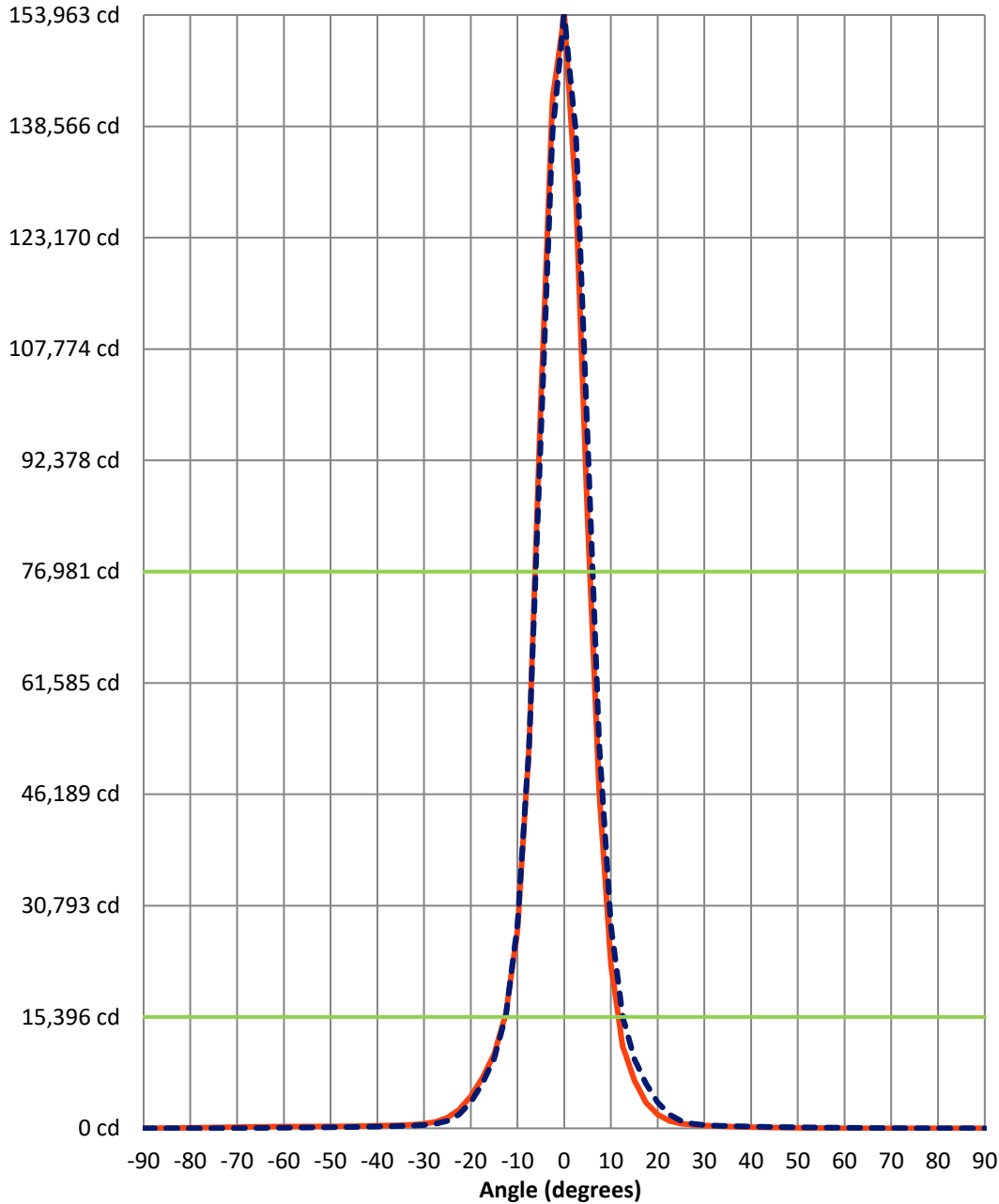
Luminous Intensity Polar Plot



— 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: 3364.5
 Efficiency: 31.3%

Field:
 H Angle: 25.1°
 V Angle: 24.3°
 Lumens: 7655.3
 Efficiency: 71.2%

Spill:
 Lumens: 3099
 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	1.9	1.9
85°	0.0	0.0	0.0	0.0	1.9	1.9	1.9	1.9	1.9	3.9	3.9
82.5°	0.0	0.0	0.0	0.0	1.9	1.9	1.9	1.9	3.9	3.9	3.9
80°	0.0	0.0	0.0	0.0	1.9	1.9	1.9	1.9	3.9	3.9	3.9
77.5°	0.0	0.0	0.0	0.0	1.9	1.9	1.9	1.9	1.9	1.9	3.9
75°	0.0	0.0	0.0	0.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9
72.5°	0.0	0.0	0.0	0.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9
70°	0.0	0.0	0.0	0.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9
67.5°	0.0	0.0	0.0	0.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9
65°	0.0	0.0	0.0	0.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9
62.5°	0.0	0.0	0.0	0.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9
60°	3.9	3.9	3.9	3.9	5.8	5.8	7.7	7.7	7.7	3.9	7.7
57.5°	30.8	30.8	28.9	27.0	25.0	23.1	23.1	23.1	23.1	23.1	19.3
55°	42.4	42.4	42.4	40.5	40.5	38.5	36.6	34.7	34.7	32.8	30.8
52.5°	50.1	50.1	50.1	50.1	48.2	48.2	48.2	46.2	42.4	42.4	40.5
50°	71.3	69.4	69.4	69.4	69.4	65.5	63.6	59.7	57.8	55.9	53.9
47.5°	92.5	92.5	90.6	90.6	88.6	84.8	80.9	77.1	73.2	71.3	67.4
45°	109.8	109.8	107.9	107.9	106.0	102.1	96.3	90.6	86.7	82.8	79.0
42.5°	134.9	132.9	131.0	129.1	125.2	119.5	111.7	104.0	98.3	92.5	88.6
40°	161.8	161.8	159.9	158.0	152.2	146.4	136.8	127.2	117.5	106.0	100.2
37.5°	194.6	196.5	198.4	198.4	194.6	186.9	173.4	161.8	146.4	131.0	123.3
35°	254.3	254.3	258.2	258.2	252.4	242.8	233.1	208.1	188.8	169.5	152.2
32.5°	319.8	321.8	314.0	308.3	300.6	289.0	271.7	250.5	229.3	204.2	185.0
30°	383.4	383.4	373.8	362.2	346.8	327.5	306.3	283.2	258.2	233.1	210.0
27.5°	483.6	474.0	466.3	447.0	420.0	383.4	356.4	319.8	287.1	258.2	233.1
25°	649.3	647.4	630.0	597.3	543.3	485.5	441.2	379.6	329.5	285.1	256.2
22.5°	1032.7	1019.2	978.8	897.8	770.7	670.5	579.9	483.6	393.0	333.3	287.1
20°	1909.3	1865.0	1757.1	1533.6	1248.5	1052.0	826.5	664.7	512.5	400.7	331.4
17.5°	3562.4	3533.5	3493.1	2976.7	2396.8	1980.6	1473.9	1019.2	728.3	524.1	393.0
15°	6677.9	6464.0	6017.0	5398.5	4587.4	3545.1	2606.8	1645.4	1040.4	697.5	499.0
12.5°	11415.6	11178.6	10024.5	8477.4	7018.9	5535.3	3886.1	2500.8	1481.6	886.3	591.5
10°	22746.3	21025.8	17794.8	13280.6	10365.5	7729.8	5456.3	3412.1	1928.6	1119.4	701.3
7.5°	46588.9	40966.9	31568.6	22285.9	14425.0	10138.2	6968.8	4462.2	2570.2	1400.7	801.5
5°	84440.4	74466.0	56100.9	33780.4	20946.8	12706.4	8269.3	5306.1	3042.2	1630.0	901.7
2.5°	128935.0	116032.1	81107.2	46450.2	25829.0	14694.8	9178.7	5860.9	3342.8	1786.0	978.8
0°	153962.5	137528.0	95516.8	53180.1	28154.5	15538.6	9623.7	6194.3	3597.1	1913.2	1028.8
-2.5°	142223.3	128992.8	87781.2	49400.0	26904.1	15168.7	9687.3	6277.1	3639.5	1947.9	1052.0
-5°	100239.1	89380.4	60738.4	36454.6	22827.2	13972.2	9140.1	5965.0	3522.0	1897.8	1042.3
-7.5°	53031.7	48118.7	36021.1	26195.1	16661.9	11825.9	8228.8	5412.0	3217.5	1762.9	984.5
-10°	27399.2	26391.6	22742.5	17143.6	13482.9	9907.0	7022.7	4627.9	2689.6	1518.2	886.3
-12.5°	15796.8	15625.3	14452.0	12405.9	10338.5	8138.3	5762.7	3774.4	2244.6	1258.1	747.5
-15°	10228.7	10301.9	9893.5	9041.9	7864.7	6090.2	4427.5	2807.2	1660.8	1019.2	658.9
-17.5°	6980.3	6961.1	6770.3	6186.6	5238.6	4113.5	2934.3	1982.5	1258.1	793.8	547.2
-20°	4415.9	4423.6	4246.4	3843.7	3146.3	2535.5	1826.5	1337.1	892.1	624.2	483.6



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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°	2562.5	2568.3	2456.5	2229.2	1863.1	1502.8	1186.8	884.3	657.0	520.2	423.9
-25°	1472.0	1448.9	1404.5	1294.7	1123.3	926.7	788.0	622.3	526.0	441.2	387.3
-27.5°	892.1	876.6	853.5	805.4	737.9	639.7	576.1	502.9	447.0	396.9	364.1
-30°	622.3	628.1	608.8	583.8	553.0	508.6	474.0	439.3	402.7	371.8	341.0
-32.5°	495.2	499.0	489.4	479.7	464.3	447.0	425.8	400.7	371.8	342.9	314.0
-35°	425.8	427.7	427.7	425.8	421.9	408.5	393.0	369.9	342.9	316.0	290.9
-37.5°	391.1	393.0	393.0	391.1	385.3	373.8	358.4	339.1	314.0	289.0	269.7
-40°	354.5	356.4	354.5	350.7	344.9	333.3	321.8	306.3	287.1	265.9	248.5
-42.5°	319.8	317.9	316.0	312.1	306.3	298.6	289.0	277.4	264.0	248.5	235.1
-45°	287.1	287.1	285.1	283.2	279.4	273.6	267.8	258.2	248.5	237.0	225.4
-47.5°	269.7	269.7	267.8	265.9	264.0	260.1	254.3	246.6	238.9	229.3	219.6
-50°	258.2	258.2	258.2	256.2	254.3	250.5	244.7	238.9	231.2	221.6	211.9
-52.5°	250.5	250.5	250.5	248.5	246.6	244.7	238.9	231.2	221.6	213.9	206.2
-55°	246.6	244.7	244.7	242.8	240.8	238.9	231.2	223.5	215.8	208.1	200.4
-57.5°	240.8	238.9	238.9	237.0	235.1	233.1	225.4	217.7	210.0	200.4	194.6
-60°	235.1	233.1	233.1	229.3	227.3	225.4	217.7	210.0	202.3	194.6	186.9
-62.5°	227.3	225.4	223.5	221.6	217.7	213.9	208.1	200.4	190.7	183.0	175.3
-65°	210.0	208.1	206.2	204.2	202.3	200.4	194.6	185.0	177.3	169.5	161.8
-67.5°	188.8	188.8	188.8	185.0	183.0	179.2	175.3	167.6	159.9	152.2	146.4
-70°	163.8	163.8	163.8	159.9	158.0	156.1	150.3	144.5	138.7	132.9	125.2
-72.5°	138.7	136.8	136.8	134.9	131.0	129.1	125.2	121.4	115.6	111.7	106.0
-75°	113.7	111.7	111.7	109.8	107.9	106.0	102.1	100.2	96.3	92.5	86.7
-77.5°	90.6	90.6	90.6	88.6	86.7	84.8	82.8	80.9	79.0	75.1	71.3
-80°	69.4	69.4	69.4	69.4	69.4	69.4	69.4	67.4	63.6	61.7	59.7
-82.5°	50.1	52.0	52.0	52.0	52.0	52.0	52.0	52.0	50.1	48.2	46.2
-85°	32.8	34.7	34.7	36.6	38.5	38.5	40.5	38.5	36.6	32.8	30.8
-87.5°	17.3	17.3	17.3	17.3	17.3	17.3	17.3	15.4	15.4	15.4	13.5
-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°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	3.9	3.9	3.9
85°	3.9	3.9	3.9	3.9	5.8	5.8	5.8	7.7	7.7	7.7	7.7
82.5°	3.9	5.8	5.8	5.8	7.7	7.7	9.6	11.6	15.4	17.3	17.3
80°	3.9	5.8	5.8	5.8	7.7	7.7	9.6	9.6	11.6	13.5	17.3
77.5°	3.9	3.9	5.8	5.8	5.8	7.7	7.7	9.6	9.6	11.6	13.5
75°	1.9	3.9	3.9	3.9	5.8	5.8	7.7	7.7	9.6	9.6	11.6
72.5°	1.9	3.9	3.9	3.9	5.8	5.8	7.7	7.7	7.7	9.6	9.6
70°	1.9	3.9	3.9	3.9	3.9	5.8	5.8	5.8	7.7	7.7	7.7
67.5°	1.9	1.9	1.9	3.9	3.9	3.9	3.9	5.8	5.8	5.8	7.7
65°	1.9	1.9	1.9	1.9	3.9	3.9	3.9	3.9	5.8	5.8	5.8
62.5°	1.9	1.9	1.9	3.9	3.9	3.9	3.9	3.9	5.8	5.8	5.8
60°	7.7	7.7	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
57.5°	17.3	17.3	15.4	13.5	11.6	11.6	9.6	7.7	7.7	5.8	5.8
55°	28.9	27.0	25.0	21.2	19.3	17.3	15.4	11.6	9.6	7.7	5.8
52.5°	36.6	34.7	32.8	30.8	27.0	23.1	21.2	19.3	15.4	11.6	9.6
50°	53.9	48.2	44.3	40.5	36.6	32.8	28.9	27.0	21.2	17.3	13.5
47.5°	65.5	61.7	55.9	52.0	48.2	42.4	36.6	32.8	28.9	23.1	17.3
45°	75.1	71.3	65.5	61.7	57.8	52.0	46.2	40.5	36.6	30.8	23.1
42.5°	84.8	80.9	75.1	71.3	65.5	59.7	53.9	48.2	42.4	38.5	30.8
40°	98.3	92.5	84.8	80.9	77.1	69.4	61.7	55.9	50.1	44.3	36.6
37.5°	115.6	109.8	100.2	92.5	86.7	80.9	73.2	65.5	59.7	52.0	44.3
35°	142.6	132.9	119.5	107.9	100.2	92.5	82.8	75.1	67.4	59.7	52.0
32.5°	169.5	154.1	136.8	123.3	111.7	102.1	92.5	84.8	75.1	65.5	57.8
30°	190.7	173.4	156.1	136.8	123.3	111.7	102.1	92.5	82.8	73.2	63.6
27.5°	211.9	192.7	173.4	154.1	134.9	119.5	109.8	100.2	90.6	80.9	69.4
25°	233.1	211.9	192.7	171.5	148.4	131.0	117.5	109.8	100.2	88.6	75.1
22.5°	252.4	233.1	213.9	190.7	163.8	140.6	127.2	117.5	107.9	94.4	82.8
20°	289.0	264.0	240.8	211.9	181.1	158.0	140.6	127.2	115.6	102.1	88.6
17.5°	337.2	300.6	269.7	237.0	206.2	177.3	152.2	136.8	125.2	109.8	94.4
15°	398.8	335.2	296.7	264.0	227.3	194.6	167.6	146.4	131.0	115.6	102.1
12.5°	445.1	362.2	319.8	289.0	250.5	213.9	179.2	154.1	136.8	121.4	106.0
10°	497.1	391.1	339.1	304.4	264.0	223.5	186.9	159.9	140.6	127.2	111.7
7.5°	539.5	414.2	348.7	310.2	271.7	231.2	194.6	165.7	146.4	131.0	115.6
5°	578.0	433.5	356.4	312.1	275.5	237.0	198.4	169.5	150.3	134.9	119.5
2.5°	605.0	450.8	364.1	316.0	279.4	240.8	204.2	173.4	154.1	138.7	123.3
0°	628.1	456.6	362.2	316.0	281.3	240.8	206.2	175.3	156.1	140.6	125.2
-2.5°	635.8	466.3	371.8	319.8	285.1	244.7	210.0	177.3	158.0	142.6	129.1
-5°	635.8	458.5	371.8	323.7	287.1	246.6	210.0	179.2	159.9	144.5	129.1
-7.5°	612.7	447.0	369.9	327.5	289.0	248.5	210.0	181.1	161.8	146.4	131.0
-10°	572.2	429.6	368.0	329.5	289.0	246.6	210.0	181.1	161.8	146.4	132.9
-12.5°	506.7	406.5	358.4	325.6	285.1	242.8	208.1	181.1	161.8	148.4	132.9
-15°	474.0	387.3	346.8	314.0	275.5	237.0	204.2	179.2	161.8	148.4	134.9
-17.5°	429.6	371.8	335.2	302.5	267.8	231.2	200.4	179.2	161.8	146.4	134.9
-20°	398.8	354.5	321.8	292.9	258.2	225.4	198.4	177.3	161.8	146.4	134.9



REPORT NUMBER: P724013

CATALOG NUMBER: IFLD-S-SA2D-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°	371.8	335.2	306.3	277.4	246.6	217.7	194.6	175.3	159.9	146.4	134.9
-25°	350.7	317.9	290.9	264.0	237.0	211.9	190.7	173.4	158.0	146.4	132.9
-27.5°	331.4	300.6	275.5	250.5	225.4	206.2	186.9	171.5	158.0	144.5	131.0
-30°	310.2	285.1	260.1	237.0	219.6	200.4	183.0	167.6	156.1	142.6	129.1
-32.5°	289.0	265.9	244.7	227.3	211.9	196.5	181.1	165.7	152.2	138.7	125.2
-35°	269.7	248.5	233.1	217.7	206.2	192.7	177.3	161.8	150.3	136.8	125.2
-37.5°	250.5	235.1	221.6	210.0	198.4	186.9	171.5	158.0	146.4	132.9	119.5
-40°	235.1	223.5	213.9	204.2	192.7	179.2	167.6	154.1	142.6	129.1	113.7
-42.5°	225.4	215.8	206.2	196.5	186.9	175.3	163.8	150.3	138.7	125.2	109.8
-45°	215.8	208.1	200.4	192.7	183.0	171.5	158.0	144.5	132.9	119.5	107.9
-47.5°	210.0	202.3	194.6	188.8	181.1	165.7	154.1	140.6	127.2	115.6	102.1
-50°	204.2	196.5	190.7	183.0	173.4	159.9	148.4	134.9	123.3	109.8	98.3
-52.5°	198.4	190.7	183.0	175.3	165.7	154.1	142.6	131.0	117.5	104.0	92.5
-55°	192.7	185.0	177.3	169.5	159.9	150.3	138.7	123.3	109.8	96.3	84.8
-57.5°	186.9	181.1	171.5	161.8	152.2	142.6	129.1	115.6	102.1	88.6	79.0
-60°	179.2	171.5	163.8	152.2	142.6	131.0	119.5	107.9	94.4	82.8	73.2
-62.5°	167.6	159.9	152.2	140.6	131.0	121.4	111.7	98.3	88.6	77.1	67.4
-65°	154.1	146.4	138.7	129.1	119.5	109.8	102.1	90.6	80.9	71.3	63.6
-67.5°	138.7	131.0	125.2	115.6	107.9	98.3	90.6	80.9	71.3	63.6	55.9
-70°	119.5	113.7	107.9	100.2	92.5	84.8	77.1	69.4	61.7	55.9	48.2
-72.5°	102.1	96.3	90.6	84.8	79.0	71.3	65.5	59.7	53.9	48.2	44.3
-75°	82.8	79.0	75.1	71.3	65.5	59.7	55.9	50.1	46.2	42.4	40.5
-77.5°	69.4	65.5	61.7	57.8	53.9	50.1	46.2	42.4	40.5	38.5	36.6
-80°	55.9	53.9	52.0	48.2	46.2	42.4	40.5	36.6	36.6	36.6	36.6
-82.5°	44.3	42.4	40.5	38.5	36.6	34.7	34.7	32.8	34.7	34.7	32.8
-85°	30.8	28.9	27.0	27.0	25.0	25.0	23.1	23.1	23.1	21.2	21.2
-87.5°	13.5	13.5	13.5	13.5	11.6	11.6	11.6	11.6	11.6	9.6	9.6
-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: P724013
 CATALOG NUMBER: IFLD-S-SA2D-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°	3.9	3.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	0.0	0.0
85°	7.7	7.7	5.8	5.8	5.8	3.9	3.9	1.9	1.9	1.9	1.9
82.5°	17.3	15.4	13.5	11.6	9.6	7.7	5.8	3.9	3.9	1.9	1.9
80°	21.2	21.2	21.2	19.3	15.4	11.6	7.7	5.8	3.9	1.9	1.9
77.5°	15.4	15.4	17.3	19.3	19.3	15.4	9.6	5.8	3.9	3.9	1.9
75°	11.6	11.6	11.6	13.5	15.4	15.4	11.6	7.7	3.9	3.9	1.9
72.5°	11.6	11.6	11.6	11.6	11.6	11.6	11.6	7.7	5.8	3.9	3.9
70°	9.6	9.6	9.6	9.6	9.6	9.6	9.6	7.7	5.8	3.9	3.9
67.5°	7.7	7.7	9.6	9.6	9.6	7.7	7.7	7.7	5.8	3.9	3.9
65°	5.8	7.7	7.7	9.6	7.7	7.7	7.7	5.8	5.8	3.9	3.9
62.5°	5.8	5.8	7.7	7.7	7.7	7.7	5.8	5.8	5.8	3.9	3.9
60°	5.8	5.8	5.8	7.7	5.8	5.8	5.8	5.8	5.8	3.9	3.9
57.5°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	3.9	3.9	3.9	3.9
55°	5.8	5.8	5.8	5.8	5.8	5.8	3.9	3.9	3.9	3.9	3.9
52.5°	7.7	5.8	5.8	5.8	5.8	5.8	3.9	3.9	3.9	3.9	3.9
50°	9.6	5.8	5.8	5.8	5.8	3.9	3.9	3.9	3.9	3.9	3.9
47.5°	13.5	9.6	7.7	5.8	5.8	3.9	3.9	3.9	3.9	3.9	1.9
45°	19.3	13.5	9.6	7.7	5.8	3.9	3.9	3.9	3.9	3.9	1.9
42.5°	23.1	17.3	11.6	9.6	7.7	5.8	3.9	3.9	3.9	1.9	1.9
40°	28.9	23.1	15.4	11.6	7.7	5.8	3.9	3.9	3.9	1.9	1.9
37.5°	36.6	28.9	19.3	13.5	9.6	5.8	5.8	3.9	3.9	1.9	1.9
35°	42.4	32.8	25.0	15.4	11.6	7.7	5.8	3.9	3.9	1.9	1.9
32.5°	48.2	38.5	30.8	19.3	13.5	9.6	7.7	3.9	3.9	1.9	1.9
30°	53.9	44.3	34.7	25.0	17.3	11.6	7.7	3.9	3.9	1.9	1.9
27.5°	59.7	48.2	38.5	28.9	19.3	13.5	9.6	5.8	3.9	1.9	1.9
25°	65.5	53.9	42.4	32.8	21.2	15.4	9.6	5.8	3.9	3.9	1.9
22.5°	69.4	59.7	48.2	36.6	25.0	17.3	11.6	7.7	3.9	3.9	1.9
20°	75.1	65.5	52.0	40.5	28.9	19.3	11.6	7.7	3.9	3.9	1.9
17.5°	80.9	69.4	55.9	44.3	32.8	21.2	13.5	9.6	3.9	3.9	1.9
15°	86.7	73.2	59.7	46.2	34.7	23.1	13.5	9.6	3.9	3.9	1.9
12.5°	92.5	79.0	63.6	50.1	36.6	25.0	15.4	11.6	5.8	3.9	1.9
10°	96.3	82.8	67.4	52.0	38.5	28.9	17.3	11.6	5.8	3.9	1.9
7.5°	102.1	86.7	71.3	55.9	40.5	30.8	19.3	11.6	5.8	3.9	1.9
5°	104.0	90.6	73.2	59.7	42.4	32.8	21.2	13.5	5.8	3.9	1.9
2.5°	106.0	94.4	75.1	61.7	44.3	32.8	21.2	13.5	7.7	3.9	1.9
0°	107.9	96.3	77.1	63.6	46.2	34.7	23.1	13.5	7.7	3.9	1.9
-2.5°	109.8	98.3	80.9	65.5	48.2	36.6	25.0	13.5	7.7	3.9	1.9
-5°	111.7	98.3	84.8	67.4	50.1	36.6	25.0	15.4	9.6	3.9	1.9
-7.5°	113.7	100.2	86.7	69.4	52.0	36.6	27.0	15.4	9.6	5.8	1.9
-10°	115.6	102.1	88.6	71.3	52.0	38.5	27.0	15.4	9.6	5.8	1.9
-12.5°	117.5	104.0	88.6	71.3	53.9	38.5	27.0	17.3	9.6	5.8	1.9
-15°	119.5	104.0	88.6	71.3	53.9	40.5	28.9	17.3	9.6	5.8	3.9
-17.5°	119.5	104.0	88.6	73.2	53.9	40.5	28.9	17.3	9.6	5.8	3.9
-20°	119.5	104.0	88.6	73.2	53.9	40.5	28.9	17.3	9.6	5.8	3.9



REPORT NUMBER: P724013

CATALOG NUMBER: IFLD-S-SA2D-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°	117.5	102.1	88.6	71.3	53.9	40.5	28.9	17.3	11.6	5.8	3.9
-25°	117.5	102.1	88.6	71.3	53.9	40.5	27.0	17.3	11.6	5.8	3.9
-27.5°	115.6	102.1	86.7	69.4	52.0	38.5	27.0	17.3	11.6	5.8	3.9
-30°	113.7	100.2	84.8	67.4	52.0	38.5	27.0	17.3	11.6	5.8	3.9
-32.5°	111.7	96.3	82.8	65.5	50.1	36.6	27.0	17.3	11.6	5.8	3.9
-35°	107.9	94.4	79.0	63.6	48.2	36.6	25.0	17.3	11.6	7.7	3.9
-37.5°	104.0	90.6	77.1	61.7	46.2	34.7	25.0	17.3	11.6	7.7	3.9
-40°	100.2	88.6	73.2	57.8	44.3	32.8	25.0	17.3	11.6	7.7	5.8
-42.5°	96.3	84.8	71.3	55.9	44.3	32.8	23.1	17.3	11.6	7.7	5.8
-45°	94.4	82.8	67.4	53.9	42.4	32.8	23.1	15.4	11.6	7.7	5.8
-47.5°	90.6	77.1	63.6	52.0	40.5	30.8	21.2	15.4	11.6	7.7	5.8
-50°	84.8	73.2	61.7	50.1	38.5	28.9	21.2	15.4	11.6	7.7	5.8
-52.5°	79.0	67.4	57.8	46.2	36.6	28.9	21.2	15.4	11.6	7.7	5.8
-55°	73.2	63.6	53.9	44.3	34.7	27.0	19.3	15.4	11.6	7.7	5.8
-57.5°	69.4	59.7	50.1	40.5	32.8	25.0	19.3	13.5	9.6	7.7	5.8
-60°	65.5	55.9	46.2	38.5	30.8	25.0	19.3	13.5	9.6	7.7	3.9
-62.5°	59.7	52.0	42.4	36.6	28.9	23.1	17.3	13.5	9.6	7.7	3.9
-65°	53.9	46.2	38.5	32.8	27.0	21.2	17.3	13.5	9.6	7.7	3.9
-67.5°	48.2	42.4	36.6	30.8	25.0	21.2	17.3	13.5	9.6	5.8	3.9
-70°	44.3	38.5	32.8	28.9	25.0	19.3	17.3	13.5	9.6	5.8	3.9
-72.5°	38.5	34.7	30.8	27.0	23.1	21.2	17.3	13.5	7.7	5.8	3.9
-75°	36.6	32.8	28.9	27.0	25.0	21.2	17.3	11.6	7.7	5.8	3.9
-77.5°	36.6	32.8	30.8	28.9	25.0	21.2	15.4	9.6	5.8	5.8	3.9
-80°	36.6	34.7	32.8	27.0	23.1	17.3	11.6	9.6	5.8	3.9	1.9
-82.5°	32.8	27.0	23.1	19.3	17.3	13.5	9.6	7.7	3.9	3.9	1.9
-85°	21.2	17.3	15.4	13.5	11.6	9.6	5.8	3.9	3.9	1.9	1.9
-87.5°	9.6	9.6	7.7	5.8	5.8	3.9	3.9	1.9	1.9	1.9	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: P724013
 CATALOG NUMBER: IFLD-S-SA2D-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°	1.9	0.0	0.0	0.0
77.5°	1.9	0.0	0.0	0.0
75°	1.9	1.9	0.0	0.0
72.5°	1.9	1.9	0.0	0.0
70°	1.9	1.9	0.0	0.0
67.5°	1.9	1.9	0.0	0.0
65°	1.9	1.9	0.0	0.0
62.5°	1.9	1.9	0.0	0.0
60°	1.9	1.9	0.0	0.0
57.5°	1.9	1.9	1.9	0.0
55°	1.9	1.9	1.9	0.0
52.5°	1.9	1.9	1.9	0.0
50°	1.9	1.9	1.9	0.0
47.5°	1.9	1.9	1.9	0.0
45°	1.9	1.9	1.9	0.0
42.5°	1.9	1.9	1.9	0.0
40°	1.9	1.9	1.9	0.0
37.5°	1.9	1.9	1.9	0.0
35°	1.9	1.9	1.9	0.0
32.5°	1.9	1.9	1.9	0.0
30°	1.9	1.9	1.9	0.0
27.5°	1.9	1.9	1.9	0.0
25°	1.9	1.9	1.9	0.0
22.5°	1.9	1.9	1.9	0.0
20°	1.9	1.9	1.9	0.0
17.5°	1.9	1.9	1.9	0.0
15°	1.9	1.9	1.9	0.0
12.5°	1.9	1.9	1.9	0.0
10°	1.9	1.9	1.9	0.0
7.5°	1.9	1.9	1.9	0.0
5°	1.9	1.9	1.9	0.0
2.5°	1.9	1.9	1.9	0.0
0°	1.9	1.9	1.9	0.0
-2.5°	1.9	1.9	1.9	0.0
-5°	1.9	1.9	1.9	0.0
-7.5°	1.9	1.9	1.9	0.0
-10°	1.9	1.9	1.9	0.0
-12.5°	1.9	1.9	1.9	0.0
-15°	1.9	1.9	1.9	0.0
-17.5°	1.9	1.9	1.9	0.0
-20°	1.9	1.9	1.9	0.0



REPORT NUMBER: P724013

CATALOG NUMBER: IFLD-S-SA2D-722-U-22-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	1.9	1.9	1.9	0.0
-25°	1.9	1.9	1.9	0.0
-27.5°	1.9	1.9	1.9	0.0
-30°	1.9	1.9	1.9	0.0
-32.5°	1.9	1.9	1.9	0.0
-35°	1.9	1.9	1.9	0.0
-37.5°	1.9	1.9	1.9	0.0
-40°	1.9	1.9	1.9	0.0
-42.5°	1.9	1.9	1.9	0.0
-45°	1.9	1.9	1.9	0.0
-47.5°	1.9	1.9	1.9	0.0
-50°	1.9	1.9	1.9	0.0
-52.5°	1.9	1.9	1.9	0.0
-55°	1.9	1.9	1.9	0.0
-57.5°	1.9	1.9	1.9	0.0
-60°	1.9	1.9	0.0	0.0
-62.5°	1.9	1.9	0.0	0.0
-65°	1.9	1.9	0.0	0.0
-67.5°	1.9	1.9	0.0	0.0
-70°	1.9	1.9	0.0	0.0
-72.5°	1.9	1.9	0.0	0.0
-75°	1.9	1.9	0.0	0.0
-77.5°	1.9	0.0	0.0	0.0
-80°	1.9	0.0	0.0	0.0
-82.5°	1.9	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)