

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: P724071

Luminaire Tested: **IFLD-S-SA2D-730-U-22-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P724071
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA2D-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

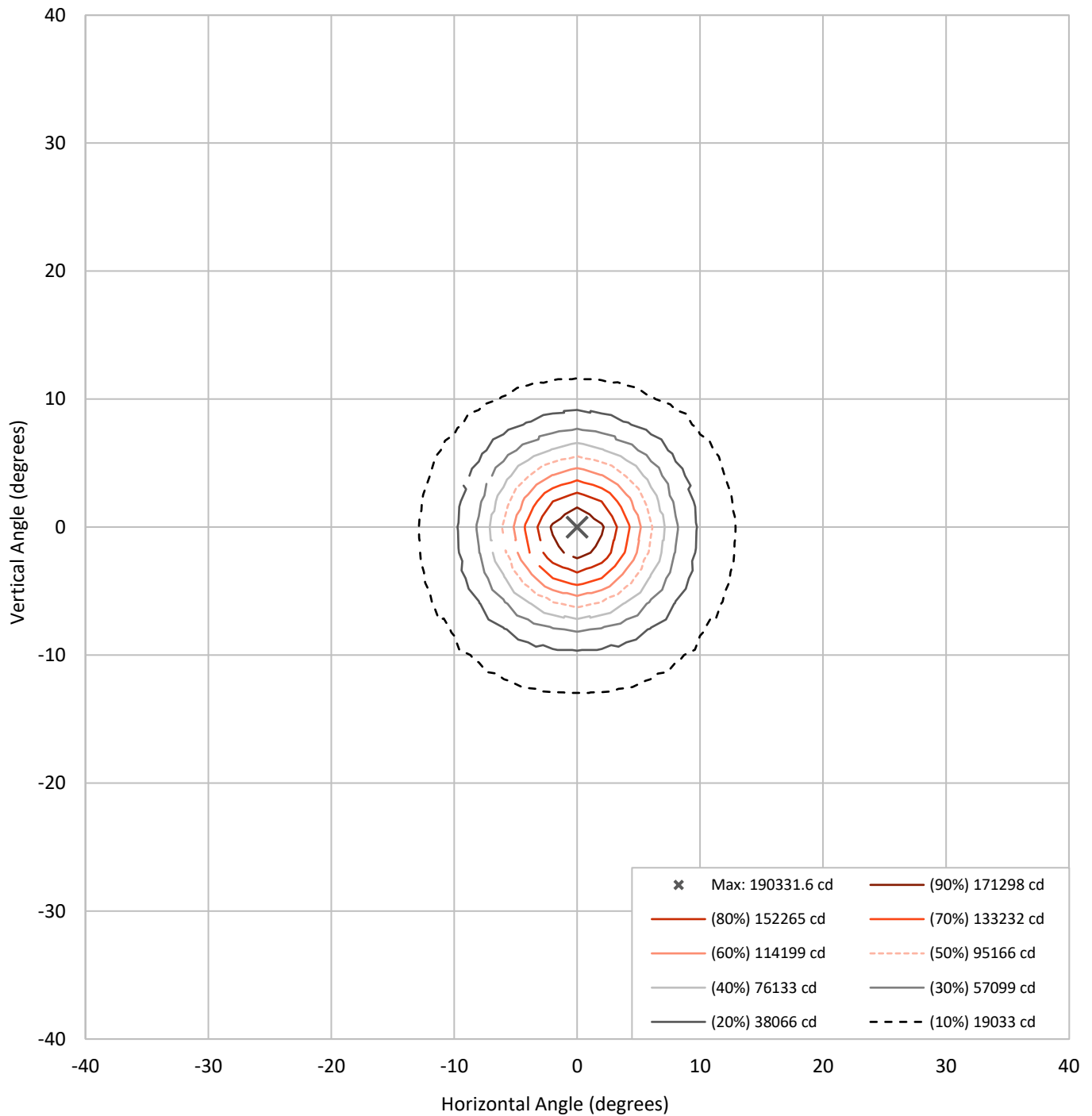
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	13294.8 lumens	Max Intensity:	190331.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	107.3 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	12.2°H x 11.7°V	Field Angle (10%):	25.1°H x 24.3°V
Beam Lumens:	4159.2 lumens	Field Lumens:	9463.7 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



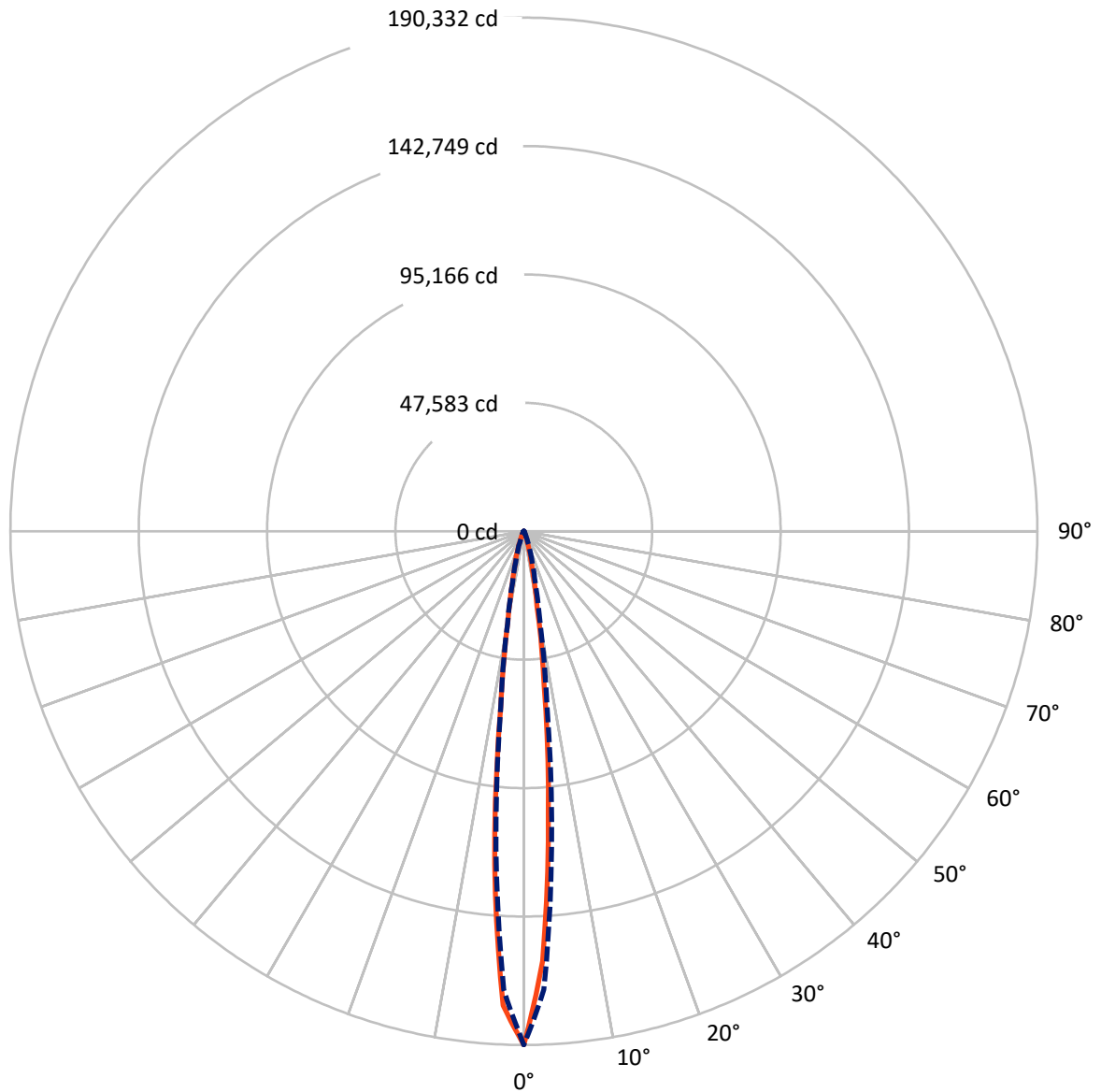
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Lumen Table

90	0.1	0.8		0.7		0.3		0.0		0.3		0.7		0.8		0.1			
80	0.1	0.8		0.7		0.3		0.0		0.3		0.7		0.8		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	0.2	0.4	0.7	1.0	1.3	1.5	1.5	1.3	1.0	0.7	0.4	0.2	0.1				
50	0.1	0.1	0.4	1.1	1.9	2.7	3.5	4.2	4.2	3.5	2.7	1.9	1.1	0.4	0.1	0.1			
40		0.2	0.9	2.0	3.4	5.3	8.1	9.7	9.7	8.1	5.3	3.4	2.0	0.9	0.2				
30	0.1	0.4	1.4	2.9	5.3	9.2	17.7	28.6	28.6	17.7	9.2	5.3	2.9	1.4	0.4	0.1			
20		0.6	1.9	4.0	8.1	20.1	104.7	265.0	265.0	104.7	20.1	8.1	4.0	1.9	0.6				
10	0.2	0.7	2.3	4.7	9.9	40.7	337.3	2078.8	2078.8	337.3	40.7	9.9	4.7	2.3	0.7	0.2			
0		0.9	2.5	5.0	10.3	46.4	371.2	2289.3	2289.3	371.2	46.4	10.3	5.0	2.5	0.9				
-10	0.3	0.9	2.6	4.9	9.7	27.8	166.6	401.5	401.5	166.6	27.8	9.7	4.9	2.6	0.9	0.3			
-20		0.9	2.5	4.7	8.2	14.2	34.4	64.7	64.7	34.4	14.2	8.2	4.7	2.5	0.9				
-30	0.3	0.8	2.4	4.3	6.8	10.0	14.2	16.7	16.7	14.2	10.0	6.8	4.3	2.4	0.8	0.3			
-40		0.7	2.0	3.9	5.9	7.8	9.9	11.0	11.0	9.9	7.8	5.9	3.9	2.0	0.7				
-50	0.2	0.6	1.6	3.3	5.2	6.8	8.4	9.1	9.1	8.4	6.8	5.2	3.3	1.6	0.6	0.2			
-60		0.5	1.2	2.4	4.0	5.5	6.9	7.6	7.6	6.9	5.5	4.0	2.4	1.2	0.5				
-70	0.1	1.8		5.0		9.2		11.1		9.2		5.0		1.8		0.1			
-80		1.8		5.0		9.2		11.1		9.2		5.0		1.8					
-90	0.1	1.8		5.0		9.2		11.1		9.2		5.0		1.8		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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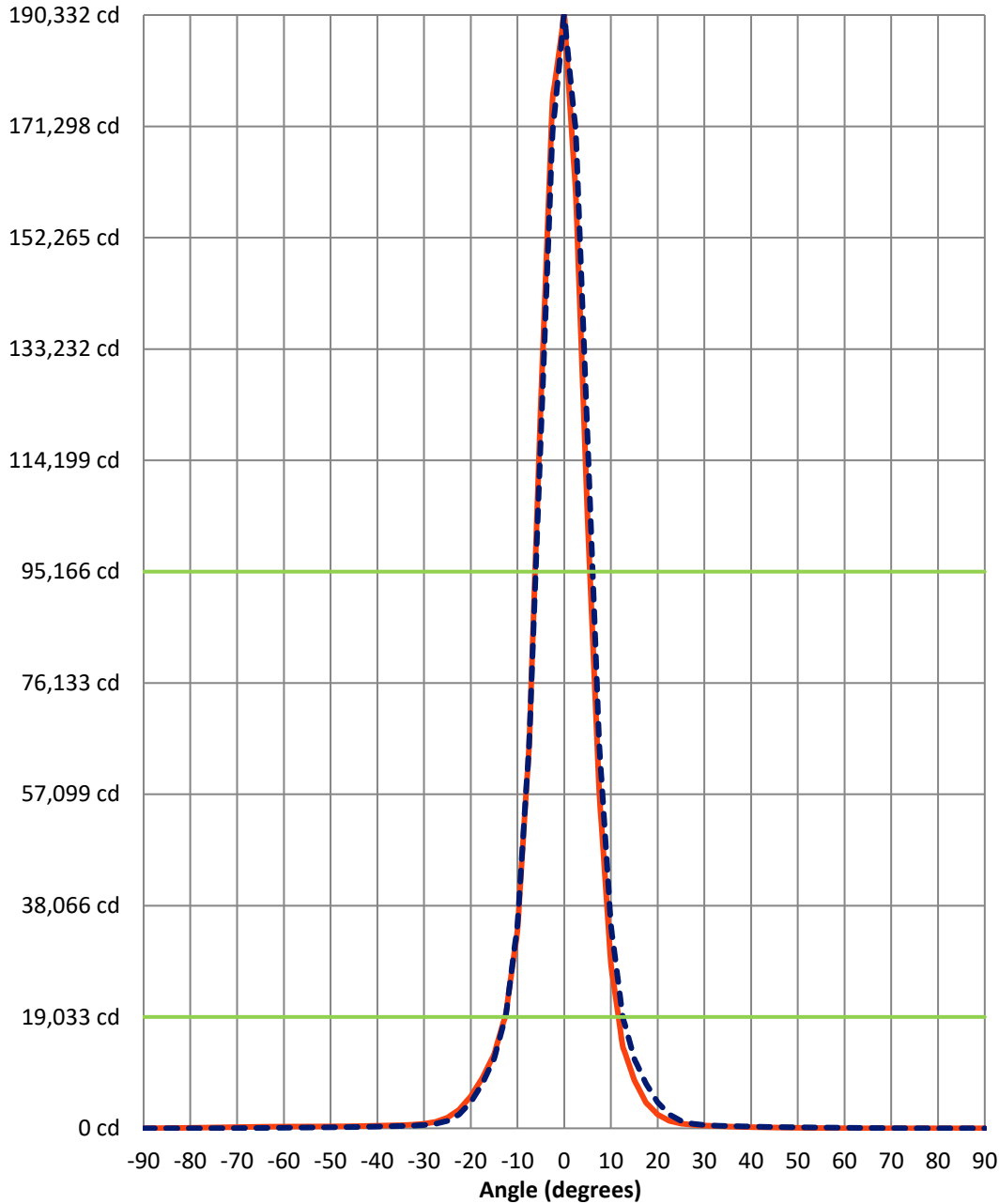
Luminous Intensity Polar Plot



— 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: 4159.2
Efficiency: 31.3%

Field:
H Angle: 25.1°
V Angle: 24.3°
Lumens: 9463.7
Efficiency: 71.2%

Spill:
Lumens: 3831.1
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	2.4	2.4
85°	0.0	0.0	0.0	0.0	2.4	2.4	2.4	2.4	2.4	4.8	4.8
82.5°	0.0	0.0	0.0	0.0	2.4	2.4	2.4	2.4	4.8	4.8	4.8
80°	0.0	0.0	0.0	0.0	2.4	2.4	2.4	2.4	4.8	4.8	4.8
77.5°	0.0	0.0	0.0	0.0	2.4	2.4	2.4	2.4	2.4	2.4	4.8
75°	0.0	0.0	0.0	0.0	2.4	2.4	2.4	2.4	2.4	2.4	2.4
72.5°	0.0	0.0	0.0	0.0	2.4	2.4	2.4	2.4	2.4	2.4	2.4
70°	0.0	0.0	0.0	0.0	2.4	2.4	2.4	2.4	2.4	2.4	2.4
67.5°	0.0	0.0	0.0	0.0	2.4	2.4	2.4	2.4	2.4	2.4	2.4
65°	0.0	0.0	0.0	0.0	2.4	2.4	2.4	2.4	2.4	2.4	2.4
62.5°	0.0	0.0	0.0	0.0	2.4	2.4	2.4	2.4	2.4	2.4	2.4
60°	4.8	4.8	4.8	4.8	7.1	7.1	9.5	9.5	9.5	4.8	9.5
57.5°	38.1	38.1	35.7	33.3	31.0	28.6	28.6	28.6	28.6	28.6	23.8
55°	52.4	52.4	52.4	50.0	50.0	47.6	45.3	42.9	42.9	40.5	38.1
52.5°	61.9	61.9	61.9	61.9	59.5	59.5	59.5	57.2	52.4	52.4	50.0
50°	88.1	85.7	85.7	85.7	85.7	81.0	78.6	73.8	71.5	69.1	66.7
47.5°	114.3	114.3	111.9	111.9	109.6	104.8	100.0	95.3	90.5	88.1	83.4
45°	135.8	135.8	133.4	133.4	131.0	126.2	119.1	111.9	107.2	102.4	97.7
42.5°	166.7	164.3	162.0	159.6	154.8	147.7	138.1	128.6	121.5	114.3	109.6
40°	200.1	200.1	197.7	195.3	188.2	181.0	169.1	157.2	145.3	131.0	123.9
37.5°	240.6	242.9	245.3	245.3	240.6	231.0	214.4	200.1	181.0	162.0	152.4
35°	314.4	314.4	319.2	319.2	312.0	300.1	288.2	257.2	233.4	209.6	188.2
32.5°	395.4	397.8	388.2	381.1	371.6	357.3	335.8	309.6	283.4	252.5	228.7
30°	474.0	474.0	462.1	447.8	428.7	404.9	378.7	350.1	319.2	288.2	259.6
27.5°	597.8	585.9	576.4	552.6	519.2	474.0	440.6	395.4	354.9	319.2	288.2
25°	802.7	800.3	778.8	738.4	671.7	600.2	545.4	469.2	407.3	352.5	316.8
22.5°	1276.6	1260.0	1210.0	1109.9	952.7	828.9	716.9	597.8	485.9	412.1	354.9
20°	2360.4	2305.6	2172.2	1895.9	1543.4	1300.5	1021.8	821.7	633.6	495.4	409.7
17.5°	4403.9	4368.2	4318.2	3679.9	2963.0	2448.5	1822.1	1260.0	900.3	647.8	485.9
15°	8255.3	7990.9	7438.3	6673.8	5671.1	4382.5	3222.6	2034.1	1286.2	862.2	616.9
12.5°	14112.1	13819.2	12392.5	10479.9	8676.9	6842.9	4804.1	3091.6	1831.6	1095.6	731.2
10°	28119.5	25992.5	21998.3	16417.7	12814.1	9555.8	6745.2	4218.2	2384.2	1383.8	867.0
7.5°	57594.2	50644.1	39025.7	27550.2	17832.5	12533.0	8615.0	5516.2	3177.3	1731.6	990.8
5°	104386.9	92056.4	69353.1	41760.0	25894.9	15707.9	10222.7	6559.5	3760.9	2015.0	1114.7
2.5°	159392.1	143441.2	100266.4	57422.7	31930.3	18166.0	11346.9	7245.4	4132.4	2207.9	1210.0
0°	190331.6	170014.9	118079.9	65742.3	34805.2	19209.2	11897.1	7657.5	4446.8	2365.1	1271.9
-2.5°	175819.4	159463.6	108517.0	61069.2	33259.4	18751.9	11975.7	7759.9	4499.2	2408.0	1300.5
-5°	123917.7	110493.9	75086.1	45065.9	28219.5	17272.8	11299.2	7374.0	4353.9	2346.1	1288.6
-7.5°	65558.9	59485.3	44530.0	32382.9	20597.8	14619.5	10172.6	6690.5	3977.6	2179.3	1217.1
-10°	33871.5	32625.8	28114.7	21193.2	16667.8	12247.2	8681.6	5721.1	3325.0	1876.9	1095.6
-12.5°	19528.3	19316.4	17865.8	15336.4	12780.7	10060.7	7123.9	4665.9	2774.8	1555.3	924.1
-15°	12645.0	12735.5	12230.5	11177.8	9722.5	7528.9	5473.4	3470.3	2053.1	1260.0	814.6
-17.5°	8629.2	8605.4	8369.6	7647.9	6476.1	5085.1	3627.5	2450.9	1555.3	981.3	676.4
-20°	5459.1	5468.6	5249.5	4751.7	3889.5	3134.4	2257.9	1653.0	1102.8	771.7	597.8



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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°	3167.8	3174.9	3036.8	2755.7	2303.2	1857.8	1467.2	1093.2	812.2	643.1	524.0
-25°	1819.7	1791.1	1736.3	1600.6	1388.6	1145.6	974.2	769.3	650.2	545.4	478.7
-27.5°	1102.8	1083.7	1055.1	995.6	912.2	790.8	712.2	621.6	552.6	490.6	450.2
-30°	769.3	776.5	752.6	721.7	683.6	628.8	585.9	543.0	497.8	459.7	421.6
-32.5°	612.1	616.9	605.0	593.1	574.0	552.6	526.4	495.4	459.7	424.0	388.2
-35°	526.4	528.8	528.8	526.4	521.6	504.9	485.9	457.3	424.0	390.6	359.7
-37.5°	483.5	485.9	485.9	483.5	476.4	462.1	443.0	419.2	388.2	357.3	333.5
-40°	438.3	440.6	438.3	433.5	426.3	412.1	397.8	378.7	354.9	328.7	307.3
-42.5°	395.4	393.0	390.6	385.9	378.7	369.2	357.3	343.0	326.3	307.3	290.6
-45°	354.9	354.9	352.5	350.1	345.4	338.2	331.1	319.2	307.3	293.0	278.7
-47.5°	333.5	333.5	331.1	328.7	326.3	321.5	314.4	304.9	295.3	283.4	271.5
-50°	319.2	319.2	319.2	316.8	314.4	309.6	302.5	295.3	285.8	273.9	262.0
-52.5°	309.6	309.6	309.6	307.3	304.9	302.5	295.3	285.8	273.9	264.4	254.9
-55°	304.9	302.5	302.5	300.1	297.7	295.3	285.8	276.3	266.8	257.2	247.7
-57.5°	297.7	295.3	295.3	293.0	290.6	288.2	278.7	269.1	259.6	247.7	240.6
-60°	290.6	288.2	288.2	283.4	281.1	278.7	269.1	259.6	250.1	240.6	231.0
-62.5°	281.1	278.7	276.3	273.9	269.1	264.4	257.2	247.7	235.8	226.3	216.7
-65°	259.6	257.2	254.9	252.5	250.1	247.7	240.6	228.7	219.1	209.6	200.1
-67.5°	233.4	233.4	233.4	228.7	226.3	221.5	216.7	207.2	197.7	188.2	181.0
-70°	202.5	202.5	202.5	197.7	195.3	192.9	185.8	178.6	171.5	164.3	154.8
-72.5°	171.5	169.1	169.1	166.7	162.0	159.6	154.8	150.1	142.9	138.1	131.0
-75°	140.5	138.1	138.1	135.8	133.4	131.0	126.2	123.9	119.1	114.3	107.2
-77.5°	111.9	111.9	111.9	109.6	107.2	104.8	102.4	100.0	97.7	92.9	88.1
-80°	85.7	85.7	85.7	85.7	85.7	85.7	85.7	83.4	78.6	76.2	73.8
-82.5°	61.9	64.3	64.3	64.3	64.3	64.3	64.3	64.3	61.9	59.5	57.2
-85°	40.5	42.9	42.9	45.3	47.6	47.6	50.0	47.6	45.3	40.5	38.1
-87.5°	21.4	21.4	21.4	21.4	21.4	21.4	21.4	19.1	19.1	19.1	16.7
-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°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	4.8	4.8	4.8
85°	4.8	4.8	4.8	4.8	7.1	7.1	7.1	9.5	9.5	9.5	9.5
82.5°	4.8	7.1	7.1	7.1	9.5	9.5	11.9	14.3	19.1	21.4	21.4
80°	4.8	7.1	7.1	7.1	9.5	9.5	11.9	11.9	14.3	16.7	21.4
77.5°	4.8	4.8	7.1	7.1	7.1	9.5	9.5	11.9	11.9	14.3	16.7
75°	2.4	4.8	4.8	4.8	7.1	7.1	9.5	9.5	11.9	11.9	14.3
72.5°	2.4	4.8	4.8	4.8	7.1	7.1	9.5	9.5	9.5	11.9	11.9
70°	2.4	4.8	4.8	4.8	4.8	7.1	7.1	7.1	9.5	9.5	9.5
67.5°	2.4	2.4	2.4	4.8	4.8	4.8	4.8	7.1	7.1	7.1	9.5
65°	2.4	2.4	2.4	2.4	4.8	4.8	4.8	4.8	7.1	7.1	7.1
62.5°	2.4	2.4	2.4	4.8	4.8	4.8	4.8	4.8	7.1	7.1	7.1
60°	9.5	9.5	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
57.5°	21.4	21.4	19.1	16.7	14.3	14.3	11.9	9.5	9.5	7.1	7.1
55°	35.7	33.3	31.0	26.2	23.8	21.4	19.1	14.3	11.9	9.5	7.1
52.5°	45.3	42.9	40.5	38.1	33.3	28.6	26.2	23.8	19.1	14.3	11.9
50°	66.7	59.5	54.8	50.0	45.3	40.5	35.7	33.3	26.2	21.4	16.7
47.5°	81.0	76.2	69.1	64.3	59.5	52.4	45.3	40.5	35.7	28.6	21.4
45°	92.9	88.1	81.0	76.2	71.5	64.3	57.2	50.0	45.3	38.1	28.6
42.5°	104.8	100.0	92.9	88.1	81.0	73.8	66.7	59.5	52.4	47.6	38.1
40°	121.5	114.3	104.8	100.0	95.3	85.7	76.2	69.1	61.9	54.8	45.3
37.5°	142.9	135.8	123.9	114.3	107.2	100.0	90.5	81.0	73.8	64.3	54.8
35°	176.3	164.3	147.7	133.4	123.9	114.3	102.4	92.9	83.4	73.8	64.3
32.5°	209.6	190.5	169.1	152.4	138.1	126.2	114.3	104.8	92.9	81.0	71.5
30°	235.8	214.4	192.9	169.1	152.4	138.1	126.2	114.3	102.4	90.5	78.6
27.5°	262.0	238.2	214.4	190.5	166.7	147.7	135.8	123.9	111.9	100.0	85.7
25°	288.2	262.0	238.2	212.0	183.4	162.0	145.3	135.8	123.9	109.6	92.9
22.5°	312.0	288.2	264.4	235.8	202.5	173.9	157.2	145.3	133.4	116.7	102.4
20°	357.3	326.3	297.7	262.0	223.9	195.3	173.9	157.2	142.9	126.2	109.6
17.5°	416.8	371.6	333.5	293.0	254.9	219.1	188.2	169.1	154.8	135.8	116.7
15°	493.0	414.4	366.8	326.3	281.1	240.6	207.2	181.0	162.0	142.9	126.2
12.5°	550.2	447.8	395.4	357.3	309.6	264.4	221.5	190.5	169.1	150.1	131.0
10°	614.5	483.5	419.2	376.3	326.3	276.3	231.0	197.7	173.9	157.2	138.1
7.5°	666.9	512.1	431.1	383.5	335.8	285.8	240.6	204.8	181.0	162.0	142.9
5°	714.5	535.9	440.6	385.9	340.6	293.0	245.3	209.6	185.8	166.7	147.7
2.5°	747.9	557.3	450.2	390.6	345.4	297.7	252.5	214.4	190.5	171.5	152.4
0°	776.5	564.5	447.8	390.6	347.7	297.7	254.9	216.7	192.9	173.9	154.8
-2.5°	786.0	576.4	459.7	395.4	352.5	302.5	259.6	219.1	195.3	176.3	159.6
-5°	786.0	566.9	459.7	400.1	354.9	304.9	259.6	221.5	197.7	178.6	159.6
-7.5°	757.4	552.6	457.3	404.9	357.3	307.3	259.6	223.9	200.1	181.0	162.0
-10°	707.4	531.1	454.9	407.3	357.3	304.9	259.6	223.9	200.1	181.0	164.3
-12.5°	626.4	502.6	443.0	402.5	352.5	300.1	257.2	223.9	200.1	183.4	164.3
-15°	585.9	478.7	428.7	388.2	340.6	293.0	252.5	221.5	200.1	183.4	166.7
-17.5°	531.1	459.7	414.4	373.9	331.1	285.8	247.7	221.5	200.1	181.0	166.7
-20°	493.0	438.3	397.8	362.0	319.2	278.7	245.3	219.1	200.1	181.0	166.7



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CATALOG NUMBER: IFLD-S-SA2D-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°	459.7	414.4	378.7	343.0	304.9	269.1	240.6	216.7	197.7	181.0	166.7
-25°	433.5	393.0	359.7	326.3	293.0	262.0	235.8	214.4	195.3	181.0	164.3
-27.5°	409.7	371.6	340.6	309.6	278.7	254.9	231.0	212.0	195.3	178.6	162.0
-30°	383.5	352.5	321.5	293.0	271.5	247.7	226.3	207.2	192.9	176.3	159.6
-32.5°	357.3	328.7	302.5	281.1	262.0	242.9	223.9	204.8	188.2	171.5	154.8
-35°	333.5	307.3	288.2	269.1	254.9	238.2	219.1	200.1	185.8	169.1	154.8
-37.5°	309.6	290.6	273.9	259.6	245.3	231.0	212.0	195.3	181.0	164.3	147.7
-40°	290.6	276.3	264.4	252.5	238.2	221.5	207.2	190.5	176.3	159.6	140.5
-42.5°	278.7	266.8	254.9	242.9	231.0	216.7	202.5	185.8	171.5	154.8	135.8
-45°	266.8	257.2	247.7	238.2	226.3	212.0	195.3	178.6	164.3	147.7	133.4
-47.5°	259.6	250.1	240.6	233.4	223.9	204.8	190.5	173.9	157.2	142.9	126.2
-50°	252.5	242.9	235.8	226.3	214.4	197.7	183.4	166.7	152.4	135.8	121.5
-52.5°	245.3	235.8	226.3	216.7	204.8	190.5	176.3	162.0	145.3	128.6	114.3
-55°	238.2	228.7	219.1	209.6	197.7	185.8	171.5	152.4	135.8	119.1	104.8
-57.5°	231.0	223.9	212.0	200.1	188.2	176.3	159.6	142.9	126.2	109.6	97.7
-60°	221.5	212.0	202.5	188.2	176.3	162.0	147.7	133.4	116.7	102.4	90.5
-62.5°	207.2	197.7	188.2	173.9	162.0	150.1	138.1	121.5	109.6	95.3	83.4
-65°	190.5	181.0	171.5	159.6	147.7	135.8	126.2	111.9	100.0	88.1	78.6
-67.5°	171.5	162.0	154.8	142.9	133.4	121.5	111.9	100.0	88.1	78.6	69.1
-70°	147.7	140.5	133.4	123.9	114.3	104.8	95.3	85.7	76.2	69.1	59.5
-72.5°	126.2	119.1	111.9	104.8	97.7	88.1	81.0	73.8	66.7	59.5	54.8
-75°	102.4	97.7	92.9	88.1	81.0	73.8	69.1	61.9	57.2	52.4	50.0
-77.5°	85.7	81.0	76.2	71.5	66.7	61.9	57.2	52.4	50.0	47.6	45.3
-80°	69.1	66.7	64.3	59.5	57.2	52.4	50.0	45.3	45.3	45.3	45.3
-82.5°	54.8	52.4	50.0	47.6	45.3	42.9	42.9	40.5	42.9	42.9	40.5
-85°	38.1	35.7	33.3	33.3	31.0	31.0	28.6	28.6	28.6	26.2	26.2
-87.5°	16.7	16.7	16.7	16.7	14.3	14.3	14.3	14.3	14.3	11.9	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



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 CATALOG NUMBER: IFLD-S-SA2D-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°	4.8	4.8	2.4	2.4	2.4	2.4	2.4	2.4	2.4	0.0	0.0
85°	9.5	9.5	7.1	7.1	7.1	4.8	4.8	2.4	2.4	2.4	2.4
82.5°	21.4	19.1	16.7	14.3	11.9	9.5	7.1	4.8	4.8	2.4	2.4
80°	26.2	26.2	26.2	23.8	19.1	14.3	9.5	7.1	4.8	2.4	2.4
77.5°	19.1	19.1	21.4	23.8	23.8	19.1	11.9	7.1	4.8	4.8	2.4
75°	14.3	14.3	14.3	16.7	19.1	19.1	14.3	9.5	4.8	4.8	2.4
72.5°	14.3	14.3	14.3	14.3	14.3	14.3	14.3	9.5	7.1	4.8	4.8
70°	11.9	11.9	11.9	11.9	11.9	11.9	11.9	9.5	7.1	4.8	4.8
67.5°	9.5	9.5	11.9	11.9	11.9	9.5	9.5	9.5	7.1	4.8	4.8
65°	7.1	9.5	9.5	11.9	9.5	9.5	9.5	7.1	7.1	4.8	4.8
62.5°	7.1	7.1	9.5	9.5	9.5	9.5	7.1	7.1	7.1	4.8	4.8
60°	7.1	7.1	7.1	9.5	7.1	7.1	7.1	7.1	7.1	4.8	4.8
57.5°	7.1	7.1	7.1	7.1	7.1	7.1	7.1	4.8	4.8	4.8	4.8
55°	7.1	7.1	7.1	7.1	7.1	7.1	4.8	4.8	4.8	4.8	4.8
52.5°	9.5	7.1	7.1	7.1	7.1	7.1	4.8	4.8	4.8	4.8	4.8
50°	11.9	7.1	7.1	7.1	7.1	4.8	4.8	4.8	4.8	4.8	4.8
47.5°	16.7	11.9	9.5	7.1	7.1	4.8	4.8	4.8	4.8	4.8	2.4
45°	23.8	16.7	11.9	9.5	7.1	4.8	4.8	4.8	4.8	4.8	2.4
42.5°	28.6	21.4	14.3	11.9	9.5	7.1	4.8	4.8	4.8	2.4	2.4
40°	35.7	28.6	19.1	14.3	9.5	7.1	4.8	4.8	4.8	2.4	2.4
37.5°	45.3	35.7	23.8	16.7	11.9	7.1	4.8	4.8	4.8	2.4	2.4
35°	52.4	40.5	31.0	19.1	14.3	9.5	7.1	4.8	4.8	2.4	2.4
32.5°	59.5	47.6	38.1	23.8	16.7	11.9	9.5	4.8	4.8	2.4	2.4
30°	66.7	54.8	42.9	31.0	21.4	14.3	9.5	4.8	4.8	2.4	2.4
27.5°	73.8	59.5	47.6	35.7	23.8	16.7	11.9	7.1	4.8	2.4	2.4
25°	81.0	66.7	52.4	40.5	26.2	19.1	11.9	7.1	4.8	4.8	2.4
22.5°	85.7	73.8	59.5	45.3	31.0	21.4	14.3	9.5	4.8	4.8	2.4
20°	92.9	81.0	64.3	50.0	35.7	23.8	14.3	9.5	4.8	4.8	2.4
17.5°	100.0	85.7	69.1	54.8	40.5	26.2	16.7	11.9	4.8	4.8	2.4
15°	107.2	90.5	73.8	57.2	42.9	28.6	16.7	11.9	4.8	4.8	2.4
12.5°	114.3	97.7	78.6	61.9	45.3	31.0	19.1	14.3	7.1	4.8	2.4
10°	119.1	102.4	83.4	64.3	47.6	35.7	21.4	14.3	7.1	4.8	2.4
7.5°	126.2	107.2	88.1	69.1	50.0	38.1	23.8	14.3	7.1	4.8	2.4
5°	128.6	111.9	90.5	73.8	52.4	40.5	26.2	16.7	7.1	4.8	2.4
2.5°	131.0	116.7	92.9	76.2	54.8	40.5	26.2	16.7	9.5	4.8	2.4
0°	133.4	119.1	95.3	78.6	57.2	42.9	28.6	16.7	9.5	4.8	2.4
-2.5°	135.8	121.5	100.0	81.0	59.5	45.3	31.0	16.7	9.5	4.8	2.4
-5°	138.1	121.5	104.8	83.4	61.9	45.3	31.0	19.1	11.9	4.8	2.4
-7.5°	140.5	123.9	107.2	85.7	64.3	45.3	33.3	19.1	11.9	7.1	2.4
-10°	142.9	126.2	109.6	88.1	64.3	47.6	33.3	19.1	11.9	7.1	2.4
-12.5°	145.3	128.6	109.6	88.1	66.7	47.6	33.3	21.4	11.9	7.1	2.4
-15°	147.7	128.6	109.6	88.1	66.7	50.0	35.7	21.4	11.9	7.1	4.8
-17.5°	147.7	128.6	109.6	90.5	66.7	50.0	35.7	21.4	11.9	7.1	4.8
-20°	147.7	128.6	109.6	90.5	66.7	50.0	35.7	21.4	11.9	7.1	4.8



REPORT NUMBER: P724071

CATALOG NUMBER: IFLD-S-SA2D-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°	145.3	126.2	109.6	88.1	66.7	50.0	35.7	21.4	14.3	7.1	4.8
-25°	145.3	126.2	109.6	88.1	66.7	50.0	33.3	21.4	14.3	7.1	4.8
-27.5°	142.9	126.2	107.2	85.7	64.3	47.6	33.3	21.4	14.3	7.1	4.8
-30°	140.5	123.9	104.8	83.4	64.3	47.6	33.3	21.4	14.3	7.1	4.8
-32.5°	138.1	119.1	102.4	81.0	61.9	45.3	33.3	21.4	14.3	7.1	4.8
-35°	133.4	116.7	97.7	78.6	59.5	45.3	31.0	21.4	14.3	9.5	4.8
-37.5°	128.6	111.9	95.3	76.2	57.2	42.9	31.0	21.4	14.3	9.5	4.8
-40°	123.9	109.6	90.5	71.5	54.8	40.5	31.0	21.4	14.3	9.5	7.1
-42.5°	119.1	104.8	88.1	69.1	54.8	40.5	28.6	21.4	14.3	9.5	7.1
-45°	116.7	102.4	83.4	66.7	52.4	40.5	28.6	19.1	14.3	9.5	7.1
-47.5°	111.9	95.3	78.6	64.3	50.0	38.1	26.2	19.1	14.3	9.5	7.1
-50°	104.8	90.5	76.2	61.9	47.6	35.7	26.2	19.1	14.3	9.5	7.1
-52.5°	97.7	83.4	71.5	57.2	45.3	35.7	26.2	19.1	14.3	9.5	7.1
-55°	90.5	78.6	66.7	54.8	42.9	33.3	23.8	19.1	14.3	9.5	7.1
-57.5°	85.7	73.8	61.9	50.0	40.5	31.0	23.8	16.7	11.9	9.5	7.1
-60°	81.0	69.1	57.2	47.6	38.1	31.0	23.8	16.7	11.9	9.5	4.8
-62.5°	73.8	64.3	52.4	45.3	35.7	28.6	21.4	16.7	11.9	9.5	4.8
-65°	66.7	57.2	47.6	40.5	33.3	26.2	21.4	16.7	11.9	9.5	4.8
-67.5°	59.5	52.4	45.3	38.1	31.0	26.2	21.4	16.7	11.9	7.1	4.8
-70°	54.8	47.6	40.5	35.7	31.0	23.8	21.4	16.7	11.9	7.1	4.8
-72.5°	47.6	42.9	38.1	33.3	28.6	26.2	21.4	16.7	9.5	7.1	4.8
-75°	45.3	40.5	35.7	33.3	31.0	26.2	21.4	14.3	9.5	7.1	4.8
-77.5°	45.3	40.5	38.1	35.7	31.0	26.2	19.1	11.9	7.1	7.1	4.8
-80°	45.3	42.9	40.5	33.3	28.6	21.4	14.3	11.9	7.1	4.8	2.4
-82.5°	40.5	33.3	28.6	23.8	21.4	16.7	11.9	9.5	4.8	4.8	2.4
-85°	26.2	21.4	19.1	16.7	14.3	11.9	7.1	4.8	4.8	2.4	2.4
-87.5°	11.9	11.9	9.5	7.1	7.1	4.8	4.8	2.4	2.4	2.4	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: P724071
 CATALOG NUMBER: IFLD-S-SA2D-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°	2.4	0.0	0.0	0.0
77.5°	2.4	0.0	0.0	0.0
75°	2.4	2.4	0.0	0.0
72.5°	2.4	2.4	0.0	0.0
70°	2.4	2.4	0.0	0.0
67.5°	2.4	2.4	0.0	0.0
65°	2.4	2.4	0.0	0.0
62.5°	2.4	2.4	0.0	0.0
60°	2.4	2.4	0.0	0.0
57.5°	2.4	2.4	2.4	0.0
55°	2.4	2.4	2.4	0.0
52.5°	2.4	2.4	2.4	0.0
50°	2.4	2.4	2.4	0.0
47.5°	2.4	2.4	2.4	0.0
45°	2.4	2.4	2.4	0.0
42.5°	2.4	2.4	2.4	0.0
40°	2.4	2.4	2.4	0.0
37.5°	2.4	2.4	2.4	0.0
35°	2.4	2.4	2.4	0.0
32.5°	2.4	2.4	2.4	0.0
30°	2.4	2.4	2.4	0.0
27.5°	2.4	2.4	2.4	0.0
25°	2.4	2.4	2.4	0.0
22.5°	2.4	2.4	2.4	0.0
20°	2.4	2.4	2.4	0.0
17.5°	2.4	2.4	2.4	0.0
15°	2.4	2.4	2.4	0.0
12.5°	2.4	2.4	2.4	0.0
10°	2.4	2.4	2.4	0.0
7.5°	2.4	2.4	2.4	0.0
5°	2.4	2.4	2.4	0.0
2.5°	2.4	2.4	2.4	0.0
0°	2.4	2.4	2.4	0.0
-2.5°	2.4	2.4	2.4	0.0
-5°	2.4	2.4	2.4	0.0
-7.5°	2.4	2.4	2.4	0.0
-10°	2.4	2.4	2.4	0.0
-12.5°	2.4	2.4	2.4	0.0
-15°	2.4	2.4	2.4	0.0
-17.5°	2.4	2.4	2.4	0.0
-20°	2.4	2.4	2.4	0.0



REPORT NUMBER: P724071
CATALOG NUMBER: IFLD-S-SA2D-730-U-22-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	2.4	2.4	2.4	0.0
-25°	2.4	2.4	2.4	0.0
-27.5°	2.4	2.4	2.4	0.0
-30°	2.4	2.4	2.4	0.0
-32.5°	2.4	2.4	2.4	0.0
-35°	2.4	2.4	2.4	0.0
-37.5°	2.4	2.4	2.4	0.0
-40°	2.4	2.4	2.4	0.0
-42.5°	2.4	2.4	2.4	0.0
-45°	2.4	2.4	2.4	0.0
-47.5°	2.4	2.4	2.4	0.0
-50°	2.4	2.4	2.4	0.0
-52.5°	2.4	2.4	2.4	0.0
-55°	2.4	2.4	2.4	0.0
-57.5°	2.4	2.4	2.4	0.0
-60°	2.4	2.4	0.0	0.0
-62.5°	2.4	2.4	0.0	0.0
-65°	2.4	2.4	0.0	0.0
-67.5°	2.4	2.4	0.0	0.0
-70°	2.4	2.4	0.0	0.0
-72.5°	2.4	2.4	0.0	0.0
-75°	2.4	2.4	0.0	0.0
-77.5°	2.4	0.0	0.0	0.0
-80°	2.4	0.0	0.0	0.0
-82.5°	2.4	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)