

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: P724245

Luminaire Tested: **IFLD-S-SA2D-830-U-22-VI**

Issue Date: 01/11/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P724245  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 01/11/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-S-SA2D-830-U-22-VI  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 2 distribution lens and Visor  
Light Source: (32) 3000K CCT, 80 CRI LEDs  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

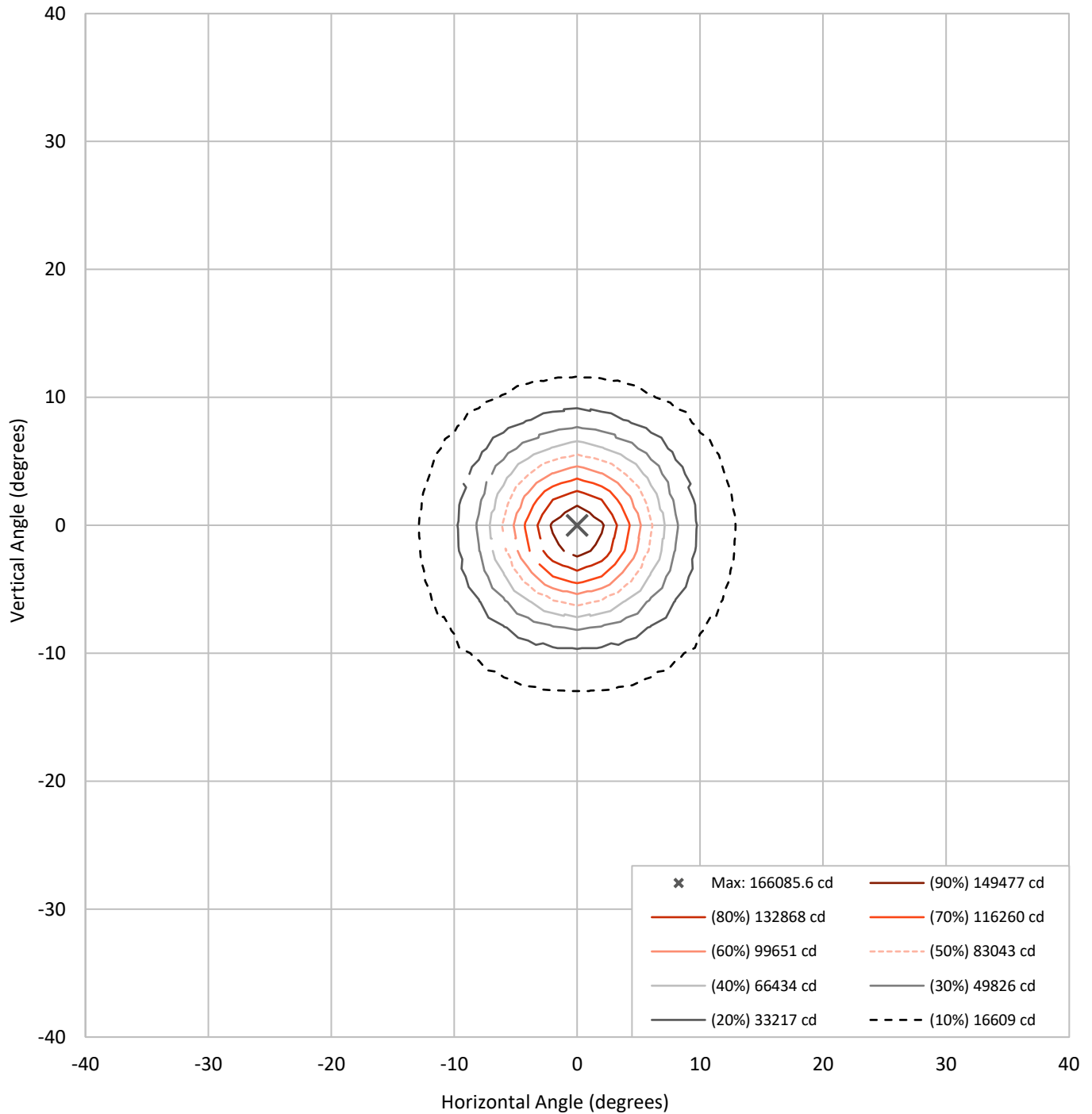
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	11601.2 lumens	Max Intensity:	166085.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	93.6 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	12.2°H x 11.7°V	Field Angle (10%):	25.1°H x 24.3°V
Beam Lumens:	3629.4 lumens	Field Lumens:	8258.1 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





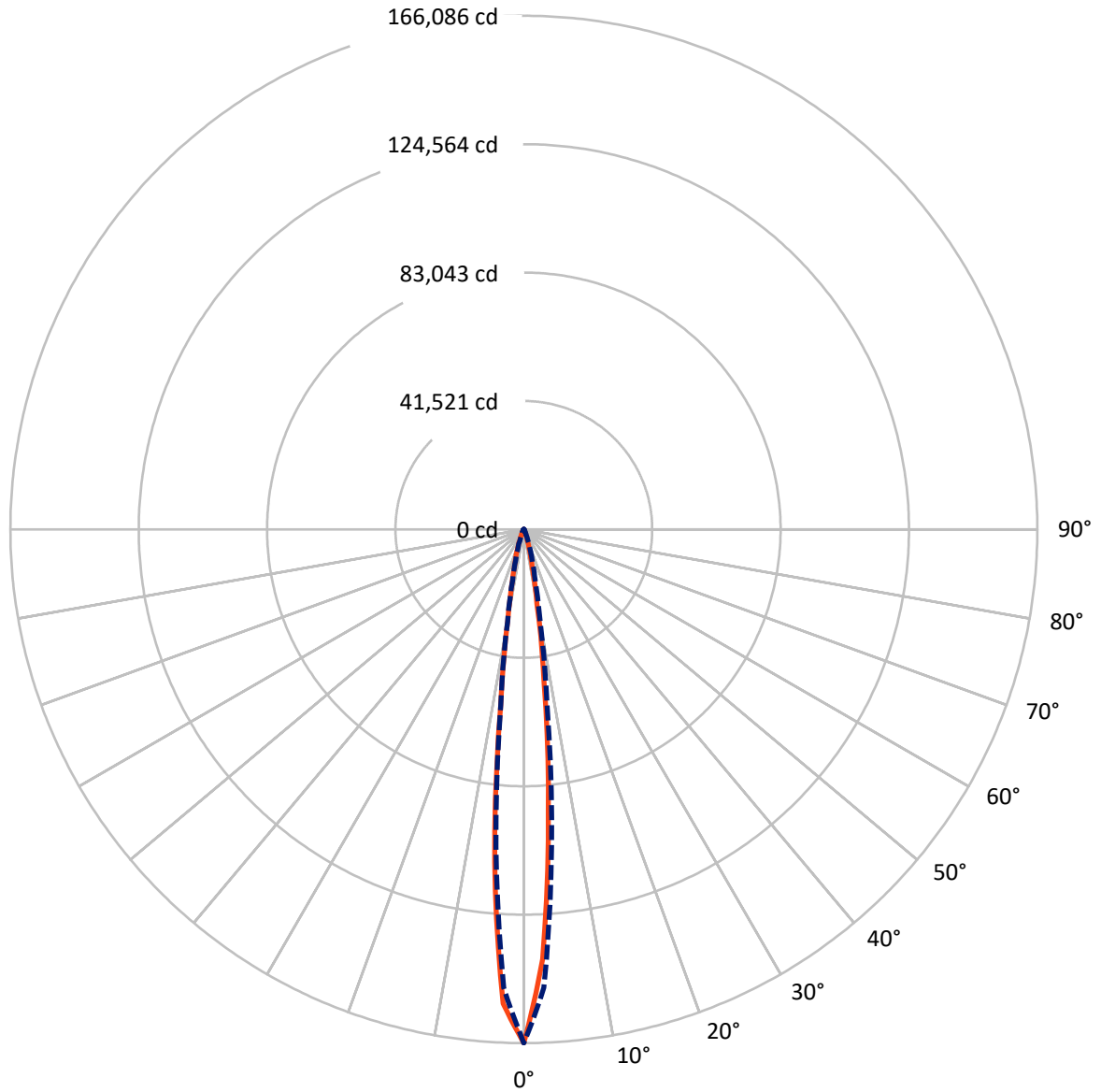
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### Lumen Table

90	0.1	0.7	0.6	0.3	0.0	0.3	0.6	0.7	0.1									
80	0.1	0.7	0.6	0.3	0.0	0.3	0.6	0.7	0.1									
70	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	0.1		
60		0.1	0.1	0.3	0.6	0.9	1.1	1.3	1.3	1.1	0.9	0.6	0.3	0.1	0.1			
50	0.1	0.1	0.4	1.0	1.7	2.3	3.1	3.6	3.6	3.1	2.3	1.7	1.0	0.4	0.1	0.1		
40		0.2	0.8	1.8	3.0	4.7	7.1	8.4	8.4	7.1	4.7	3.0	1.8	0.8	0.2			
30	0.1	0.3	1.2	2.6	4.7	8.0	15.5	25.0	25.0	15.5	8.0	4.7	2.6	1.2	0.3	0.1		
20		0.5	1.7	3.5	7.1	17.5	91.4	231.2	231.2	91.4	17.5	7.1	3.5	1.7	0.5			
10	0.2	0.6	2.0	4.1	8.6	35.5	294.4	1814.0	1814.0	294.4	35.5	8.6	4.1	2.0	0.6	0.2		
0		0.7	2.2	4.3	9.0	40.5	323.9	1997.7	1997.7	323.9	40.5	9.0	4.3	2.2	0.7			
-10	0.2	0.8	2.3	4.3	8.4	24.3	145.4	350.4	350.4	145.4	24.3	8.4	4.3	2.3	0.8	0.2		
-20		0.8	2.2	4.1	7.1	12.4	30.0	56.4	56.4	30.0	12.4	7.1	4.1	2.2	0.8			
-30	0.2	0.7	2.1	3.8	5.9	8.8	12.4	14.6	14.6	12.4	8.8	5.9	3.8	2.1	0.7	0.2		
-40		0.6	1.8	3.4	5.2	6.8	8.6	9.6	9.6	8.6	6.8	5.2	3.4	1.8	0.6			
-50	0.2	0.5	1.4	2.9	4.5	6.0	7.3	8.0	8.0	7.3	6.0	4.5	2.9	1.4	0.5	0.2		
-60		0.4	1.0	2.1	3.5	4.8	6.0	6.6	6.6	6.0	4.8	3.5	2.1	1.0	0.4			
-70	0.1	1.6	4.3	8.0	9.7	8.0	4.3	1.6	0.1							0.1		
-80		1.6	4.3	8.0	9.7	8.0	4.3	1.6	0.1									
-90	0.1	0.7	0.6	0.3	0.0	0.3	0.6	0.7	0.1									

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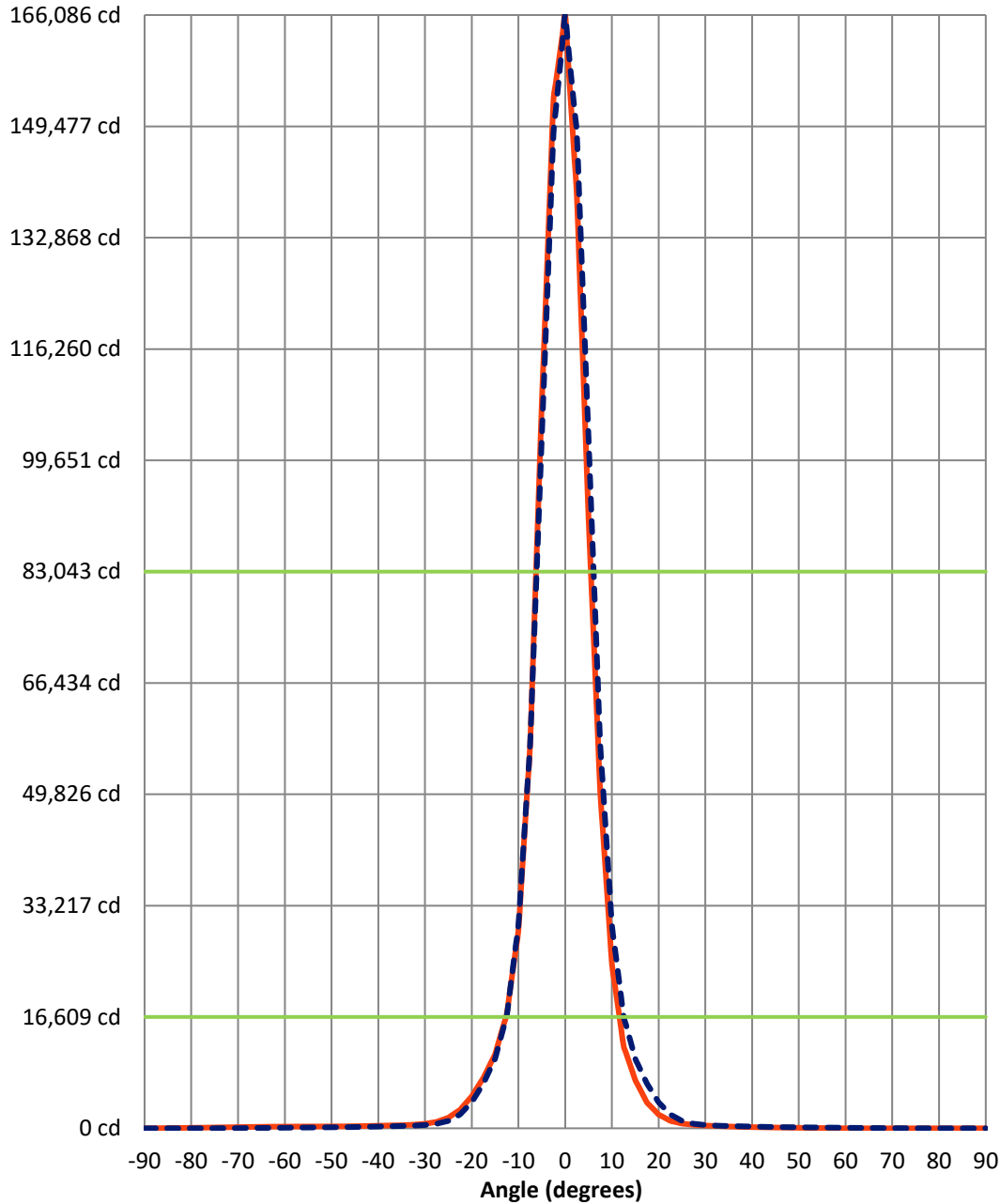
### Luminous Intensity Polar Plot



— 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: 3629.4  
 Efficiency: 31.3%

**Field:**  
 H Angle: 25.1°  
 V Angle: 24.3°  
 Lumens: 8258.1  
 Efficiency: 71.2%

**Spill:**  
 Lumens: 3343  
 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	2.1	2.1
85°	0.0	0.0	0.0	0.0	2.1	2.1	2.1	2.1	2.1	4.2	4.2
82.5°	0.0	0.0	0.0	0.0	2.1	2.1	2.1	2.1	4.2	4.2	4.2
80°	0.0	0.0	0.0	0.0	2.1	2.1	2.1	2.1	4.2	4.2	4.2
77.5°	0.0	0.0	0.0	0.0	2.1	2.1	2.1	2.1	2.1	2.1	4.2
75°	0.0	0.0	0.0	0.0	2.1	2.1	2.1	2.1	2.1	2.1	2.1
72.5°	0.0	0.0	0.0	0.0	2.1	2.1	2.1	2.1	2.1	2.1	2.1
70°	0.0	0.0	0.0	0.0	2.1	2.1	2.1	2.1	2.1	2.1	2.1
67.5°	0.0	0.0	0.0	0.0	2.1	2.1	2.1	2.1	2.1	2.1	2.1
65°	0.0	0.0	0.0	0.0	2.1	2.1	2.1	2.1	2.1	2.1	2.1
62.5°	0.0	0.0	0.0	0.0	2.1	2.1	2.1	2.1	2.1	2.1	2.1
60°	4.2	4.2	4.2	4.2	6.2	6.2	8.3	8.3	8.3	4.2	8.3
57.5°	33.3	33.3	31.2	29.1	27.0	24.9	24.9	24.9	24.9	24.9	20.8
55°	45.7	45.7	45.7	43.6	43.6	41.6	39.5	37.4	37.4	35.3	33.3
52.5°	54.0	54.0	54.0	54.0	52.0	52.0	52.0	49.9	45.7	45.7	43.6
50°	76.9	74.8	74.8	74.8	74.8	70.7	68.6	64.4	62.4	60.3	58.2
47.5°	99.8	99.8	97.7	97.7	95.6	91.4	87.3	83.1	79.0	76.9	72.7
45°	118.5	118.5	116.4	116.4	114.3	110.2	103.9	97.7	93.5	89.4	85.2
42.5°	145.5	143.4	141.3	139.3	135.1	128.9	120.5	112.2	106.0	99.8	95.6
40°	174.6	174.6	172.5	170.4	164.2	158.0	147.6	137.2	126.8	114.3	108.1
37.5°	209.9	212.0	214.1	214.1	209.9	201.6	187.1	174.6	158.0	141.3	133.0
35°	274.3	274.3	278.5	278.5	272.3	261.9	251.5	224.5	203.7	182.9	164.2
32.5°	345.0	347.1	338.8	332.5	324.2	311.8	293.1	270.2	247.3	220.3	199.5
30°	413.6	413.6	403.2	390.7	374.1	353.3	330.5	305.5	278.5	251.5	226.5
27.5°	521.7	511.3	503.0	482.2	453.1	413.6	384.5	345.0	309.7	278.5	251.5
25°	700.4	698.3	679.6	644.3	586.1	523.8	475.9	409.4	355.4	307.6	276.4
22.5°	1114.0	1099.5	1055.8	968.5	831.4	723.3	625.6	521.7	424.0	359.6	309.7
20°	2059.7	2011.9	1895.5	1654.4	1346.8	1134.8	891.6	717.0	552.8	432.3	357.5
17.5°	3842.9	3811.8	3768.1	3211.1	2585.5	2136.6	1590.0	1099.5	785.6	565.3	424.0
15°	7203.7	6973.0	6490.8	5823.6	4948.6	3824.2	2812.1	1774.9	1122.3	752.4	538.3
12.5°	12314.4	12058.8	10813.8	9144.9	7571.5	5971.2	4192.1	2697.7	1598.3	956.1	638.1
10°	24537.4	22681.4	19195.9	14326.3	11181.7	8338.5	5886.0	3680.8	2080.5	1207.5	756.5
7.5°	50257.4	44192.6	34054.3	24040.6	15560.8	10936.4	7517.5	4813.5	2772.6	1511.0	864.6
5°	91089.2	80329.5	60518.3	36440.3	22596.2	13706.9	8920.4	5723.9	3281.8	1758.3	972.7
2.5°	139087.4	125168.5	87493.6	50107.7	27862.8	15851.8	9901.4	6322.4	3606.0	1926.7	1055.8
0°	166085.6	148357.0	103037.9	57367.5	30371.4	16762.1	10381.5	6682.0	3880.3	2063.8	1109.9
-2.5°	153422.0	139149.7	94693.2	53289.7	29022.5	16363.1	10450.1	6771.4	3926.1	2101.2	1134.8
-5°	108132.0	96418.2	65521.0	39325.1	24624.7	15072.4	9859.8	6434.7	3799.3	2047.2	1124.4
-7.5°	57207.5	51907.6	38857.4	28257.7	17973.8	12757.1	8876.8	5838.2	3470.9	1901.7	1062.1
-10°	29556.7	28469.7	24533.2	18493.4	14544.5	10687.0	7575.7	4992.3	2901.4	1637.8	956.1
-12.5°	17040.7	16855.7	15589.9	13382.7	11152.6	8779.1	6216.4	4071.6	2421.3	1357.2	806.4
-15°	11034.1	11113.1	10672.5	9753.8	8484.0	6569.8	4776.1	3028.2	1791.6	1099.5	710.8
-17.5°	7530.0	7509.2	7303.4	6673.7	5651.1	4437.3	3165.4	2138.7	1357.2	856.3	590.3
-20°	4763.7	4772.0	4580.8	4146.4	3394.0	2735.2	1970.3	1442.4	962.3	673.4	521.7



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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°	2764.2	2770.5	2649.9	2404.7	2009.8	1621.1	1280.3	954.0	708.7	561.2	457.2
-25°	1587.9	1562.9	1515.1	1396.7	1211.7	999.7	850.1	671.3	567.4	475.9	417.8
-27.5°	962.3	945.7	920.7	868.8	796.0	690.0	621.4	542.5	482.2	428.1	392.8
-30°	671.3	677.6	656.8	629.7	596.5	548.7	511.3	473.9	434.4	401.1	367.9
-32.5°	534.1	538.3	527.9	517.5	500.9	482.2	459.3	432.3	401.1	370.0	338.8
-35°	459.3	461.4	461.4	459.3	455.2	440.6	424.0	399.0	370.0	340.9	313.8
-37.5°	421.9	424.0	424.0	421.9	415.7	403.2	386.6	365.8	338.8	311.8	291.0
-40°	382.4	384.5	382.4	378.3	372.0	359.6	347.1	330.5	309.7	286.8	268.1
-42.5°	345.0	342.9	340.9	336.7	330.5	322.1	311.8	299.3	284.7	268.1	253.6
-45°	309.7	309.7	307.6	305.5	301.4	295.1	288.9	278.5	268.1	255.6	243.2
-47.5°	291.0	291.0	288.9	286.8	284.7	280.6	274.3	266.0	257.7	247.3	236.9
-50°	278.5	278.5	278.5	276.4	274.3	270.2	264.0	257.7	249.4	239.0	228.6
-52.5°	270.2	270.2	270.2	268.1	266.0	264.0	257.7	249.4	239.0	230.7	222.4
-55°	266.0	264.0	264.0	261.9	259.8	257.7	249.4	241.1	232.8	224.5	216.2
-57.5°	259.8	257.7	257.7	255.6	253.6	251.5	243.2	234.9	226.5	216.2	209.9
-60°	253.6	251.5	251.5	247.3	245.2	243.2	234.9	226.5	218.2	209.9	201.6
-62.5°	245.2	243.2	241.1	239.0	234.9	230.7	224.5	216.2	205.8	197.4	189.1
-65°	226.5	224.5	222.4	220.3	218.2	216.2	209.9	199.5	191.2	182.9	174.6
-67.5°	203.7	203.7	203.7	199.5	197.4	193.3	189.1	180.8	172.5	164.2	158.0
-70°	176.7	176.7	176.7	172.5	170.4	168.3	162.1	155.9	149.6	143.4	135.1
-72.5°	149.6	147.6	147.6	145.5	141.3	139.3	135.1	130.9	124.7	120.5	114.3
-75°	122.6	120.5	120.5	118.5	116.4	114.3	110.2	108.1	103.9	99.8	93.5
-77.5°	97.7	97.7	97.7	95.6	93.5	91.4	89.4	87.3	85.2	81.1	76.9
-80°	74.8	74.8	74.8	74.8	74.8	74.8	74.8	72.7	68.6	66.5	64.4
-82.5°	54.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	54.0	52.0	49.9
-85°	35.3	37.4	37.4	39.5	41.6	41.6	43.6	41.6	39.5	35.3	33.3
-87.5°	18.7	18.7	18.7	18.7	18.7	18.7	18.7	16.6	16.6	16.6	14.5
-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°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	4.2	4.2	4.2
85°	4.2	4.2	4.2	4.2	6.2	6.2	6.2	8.3	8.3	8.3	8.3
82.5°	4.2	6.2	6.2	6.2	8.3	8.3	10.4	12.5	16.6	18.7	18.7
80°	4.2	6.2	6.2	6.2	8.3	8.3	10.4	10.4	12.5	14.5	18.7
77.5°	4.2	4.2	6.2	6.2	6.2	8.3	8.3	10.4	10.4	12.5	14.5
75°	2.1	4.2	4.2	4.2	6.2	6.2	8.3	8.3	10.4	10.4	12.5
72.5°	2.1	4.2	4.2	4.2	6.2	6.2	8.3	8.3	8.3	10.4	10.4
70°	2.1	4.2	4.2	4.2	4.2	6.2	6.2	6.2	8.3	8.3	8.3
67.5°	2.1	2.1	2.1	4.2	4.2	4.2	4.2	6.2	6.2	6.2	8.3
65°	2.1	2.1	2.1	2.1	4.2	4.2	4.2	4.2	6.2	6.2	6.2
62.5°	2.1	2.1	2.1	4.2	4.2	4.2	4.2	4.2	6.2	6.2	6.2
60°	8.3	8.3	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2
57.5°	18.7	18.7	16.6	14.5	12.5	12.5	10.4	8.3	8.3	6.2	6.2
55°	31.2	29.1	27.0	22.9	20.8	18.7	16.6	12.5	10.4	8.3	6.2
52.5°	39.5	37.4	35.3	33.3	29.1	24.9	22.9	20.8	16.6	12.5	10.4
50°	58.2	52.0	47.8	43.6	39.5	35.3	31.2	29.1	22.9	18.7	14.5
47.5°	70.7	66.5	60.3	56.1	52.0	45.7	39.5	35.3	31.2	24.9	18.7
45°	81.1	76.9	70.7	66.5	62.4	56.1	49.9	43.6	39.5	33.3	24.9
42.5°	91.4	87.3	81.1	76.9	70.7	64.4	58.2	52.0	45.7	41.6	33.3
40°	106.0	99.8	91.4	87.3	83.1	74.8	66.5	60.3	54.0	47.8	39.5
37.5°	124.7	118.5	108.1	99.8	93.5	87.3	79.0	70.7	64.4	56.1	47.8
35°	153.8	143.4	128.9	116.4	108.1	99.8	89.4	81.1	72.7	64.4	56.1
32.5°	182.9	166.3	147.6	133.0	120.5	110.2	99.8	91.4	81.1	70.7	62.4
30°	205.8	187.1	168.3	147.6	133.0	120.5	110.2	99.8	89.4	79.0	68.6
27.5°	228.6	207.8	187.1	166.3	145.5	128.9	118.5	108.1	97.7	87.3	74.8
25°	251.5	228.6	207.8	185.0	160.0	141.3	126.8	118.5	108.1	95.6	81.1
22.5°	272.3	251.5	230.7	205.8	176.7	151.7	137.2	126.8	116.4	101.8	89.4
20°	311.8	284.7	259.8	228.6	195.4	170.4	151.7	137.2	124.7	110.2	95.6
17.5°	363.7	324.2	291.0	255.6	222.4	191.2	164.2	147.6	135.1	118.5	101.8
15°	430.2	361.6	320.1	284.7	245.2	209.9	180.8	158.0	141.3	124.7	110.2
12.5°	480.1	390.7	345.0	311.8	270.2	230.7	193.3	166.3	147.6	130.9	114.3
10°	536.2	421.9	365.8	328.4	284.7	241.1	201.6	172.5	151.7	137.2	120.5
7.5°	581.9	446.9	376.2	334.6	293.1	249.4	209.9	178.7	158.0	141.3	124.7
5°	623.5	467.6	384.5	336.7	297.2	255.6	214.1	182.9	162.1	145.5	128.9
2.5°	652.6	486.3	392.8	340.9	301.4	259.8	220.3	187.1	166.3	149.6	133.0
0°	677.6	492.6	390.7	340.9	303.4	259.8	222.4	189.1	168.3	151.7	135.1
-2.5°	685.9	503.0	401.1	345.0	307.6	264.0	226.5	191.2	170.4	153.8	139.3
-5°	685.9	494.7	401.1	349.2	309.7	266.0	226.5	193.3	172.5	155.9	139.3
-7.5°	660.9	482.2	399.0	353.3	311.8	268.1	226.5	195.4	174.6	158.0	141.3
-10°	617.3	463.5	397.0	355.4	311.8	266.0	226.5	195.4	174.6	158.0	143.4
-12.5°	546.6	438.5	386.6	351.2	307.6	261.9	224.5	195.4	174.6	160.0	143.4
-15°	511.3	417.8	374.1	338.8	297.2	255.6	220.3	193.3	174.6	160.0	145.5
-17.5°	463.5	401.1	361.6	326.3	288.9	249.4	216.2	193.3	174.6	158.0	145.5
-20°	430.2	382.4	347.1	315.9	278.5	243.2	214.1	191.2	174.6	158.0	145.5



REPORT NUMBER: P724245

CATALOG NUMBER: IFLD-S-SA2D-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°	401.1	361.6	330.5	299.3	266.0	234.9	209.9	189.1	172.5	158.0	145.5
-25°	378.3	342.9	313.8	284.7	255.6	228.6	205.8	187.1	170.4	158.0	143.4
-27.5°	357.5	324.2	297.2	270.2	243.2	222.4	201.6	185.0	170.4	155.9	141.3
-30°	334.6	307.6	280.6	255.6	236.9	216.2	197.4	180.8	168.3	153.8	139.3
-32.5°	311.8	286.8	264.0	245.2	228.6	212.0	195.4	178.7	164.2	149.6	135.1
-35°	291.0	268.1	251.5	234.9	222.4	207.8	191.2	174.6	162.1	147.6	135.1
-37.5°	270.2	253.6	239.0	226.5	214.1	201.6	185.0	170.4	158.0	143.4	128.9
-40°	253.6	241.1	230.7	220.3	207.8	193.3	180.8	166.3	153.8	139.3	122.6
-42.5°	243.2	232.8	222.4	212.0	201.6	189.1	176.7	162.1	149.6	135.1	118.5
-45°	232.8	224.5	216.2	207.8	197.4	185.0	170.4	155.9	143.4	128.9	116.4
-47.5°	226.5	218.2	209.9	203.7	195.4	178.7	166.3	151.7	137.2	124.7	110.2
-50°	220.3	212.0	205.8	197.4	187.1	172.5	160.0	145.5	133.0	118.5	106.0
-52.5°	214.1	205.8	197.4	189.1	178.7	166.3	153.8	141.3	126.8	112.2	99.8
-55°	207.8	199.5	191.2	182.9	172.5	162.1	149.6	133.0	118.5	103.9	91.4
-57.5°	201.6	195.4	185.0	174.6	164.2	153.8	139.3	124.7	110.2	95.6	85.2
-60°	193.3	185.0	176.7	164.2	153.8	141.3	128.9	116.4	101.8	89.4	79.0
-62.5°	180.8	172.5	164.2	151.7	141.3	130.9	120.5	106.0	95.6	83.1	72.7
-65°	166.3	158.0	149.6	139.3	128.9	118.5	110.2	97.7	87.3	76.9	68.6
-67.5°	149.6	141.3	135.1	124.7	116.4	106.0	97.7	87.3	76.9	68.6	60.3
-70°	128.9	122.6	116.4	108.1	99.8	91.4	83.1	74.8	66.5	60.3	52.0
-72.5°	110.2	103.9	97.7	91.4	85.2	76.9	70.7	64.4	58.2	52.0	47.8
-75°	89.4	85.2	81.1	76.9	70.7	64.4	60.3	54.0	49.9	45.7	43.6
-77.5°	74.8	70.7	66.5	62.4	58.2	54.0	49.9	45.7	43.6	41.6	39.5
-80°	60.3	58.2	56.1	52.0	49.9	45.7	43.6	39.5	39.5	39.5	39.5
-82.5°	47.8	45.7	43.6	41.6	39.5	37.4	37.4	35.3	37.4	37.4	35.3
-85°	33.3	31.2	29.1	29.1	27.0	27.0	24.9	24.9	24.9	22.9	22.9
-87.5°	14.5	14.5	14.5	14.5	12.5	12.5	12.5	12.5	12.5	10.4	10.4
-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: P724245  
 CATALOG NUMBER: IFLD-S-SA2D-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°	4.2	4.2	2.1	2.1	2.1	2.1	2.1	2.1	2.1	0.0	0.0
85°	8.3	8.3	6.2	6.2	6.2	4.2	4.2	2.1	2.1	2.1	2.1
82.5°	18.7	16.6	14.5	12.5	10.4	8.3	6.2	4.2	4.2	2.1	2.1
80°	22.9	22.9	22.9	20.8	16.6	12.5	8.3	6.2	4.2	2.1	2.1
77.5°	16.6	16.6	18.7	20.8	20.8	16.6	10.4	6.2	4.2	4.2	2.1
75°	12.5	12.5	12.5	14.5	16.6	16.6	12.5	8.3	4.2	4.2	2.1
72.5°	12.5	12.5	12.5	12.5	12.5	12.5	12.5	8.3	6.2	4.2	4.2
70°	10.4	10.4	10.4	10.4	10.4	10.4	10.4	8.3	6.2	4.2	4.2
67.5°	8.3	8.3	10.4	10.4	10.4	8.3	8.3	8.3	6.2	4.2	4.2
65°	6.2	8.3	8.3	10.4	8.3	8.3	8.3	6.2	6.2	4.2	4.2
62.5°	6.2	6.2	8.3	8.3	8.3	8.3	6.2	6.2	6.2	4.2	4.2
60°	6.2	6.2	6.2	8.3	6.2	6.2	6.2	6.2	6.2	4.2	4.2
57.5°	6.2	6.2	6.2	6.2	6.2	6.2	6.2	4.2	4.2	4.2	4.2
55°	6.2	6.2	6.2	6.2	6.2	6.2	4.2	4.2	4.2	4.2	4.2
52.5°	8.3	6.2	6.2	6.2	6.2	6.2	4.2	4.2	4.2	4.2	4.2
50°	10.4	6.2	6.2	6.2	6.2	4.2	4.2	4.2	4.2	4.2	4.2
47.5°	14.5	10.4	8.3	6.2	6.2	4.2	4.2	4.2	4.2	4.2	2.1
45°	20.8	14.5	10.4	8.3	6.2	4.2	4.2	4.2	4.2	4.2	2.1
42.5°	24.9	18.7	12.5	10.4	8.3	6.2	4.2	4.2	4.2	2.1	2.1
40°	31.2	24.9	16.6	12.5	8.3	6.2	4.2	4.2	4.2	2.1	2.1
37.5°	39.5	31.2	20.8	14.5	10.4	6.2	6.2	4.2	4.2	2.1	2.1
35°	45.7	35.3	27.0	16.6	12.5	8.3	6.2	4.2	4.2	2.1	2.1
32.5°	52.0	41.6	33.3	20.8	14.5	10.4	8.3	4.2	4.2	2.1	2.1
30°	58.2	47.8	37.4	27.0	18.7	12.5	8.3	4.2	4.2	2.1	2.1
27.5°	64.4	52.0	41.6	31.2	20.8	14.5	10.4	6.2	4.2	2.1	2.1
25°	70.7	58.2	45.7	35.3	22.9	16.6	10.4	6.2	4.2	4.2	2.1
22.5°	74.8	64.4	52.0	39.5	27.0	18.7	12.5	8.3	4.2	4.2	2.1
20°	81.1	70.7	56.1	43.6	31.2	20.8	12.5	8.3	4.2	4.2	2.1
17.5°	87.3	74.8	60.3	47.8	35.3	22.9	14.5	10.4	4.2	4.2	2.1
15°	93.5	79.0	64.4	49.9	37.4	24.9	14.5	10.4	4.2	4.2	2.1
12.5°	99.8	85.2	68.6	54.0	39.5	27.0	16.6	12.5	6.2	4.2	2.1
10°	103.9	89.4	72.7	56.1	41.6	31.2	18.7	12.5	6.2	4.2	2.1
7.5°	110.2	93.5	76.9	60.3	43.6	33.3	20.8	12.5	6.2	4.2	2.1
5°	112.2	97.7	79.0	64.4	45.7	35.3	22.9	14.5	6.2	4.2	2.1
2.5°	114.3	101.8	81.1	66.5	47.8	35.3	22.9	14.5	8.3	4.2	2.1
0°	116.4	103.9	83.1	68.6	49.9	37.4	24.9	14.5	8.3	4.2	2.1
-2.5°	118.5	106.0	87.3	70.7	52.0	39.5	27.0	14.5	8.3	4.2	2.1
-5°	120.5	106.0	91.4	72.7	54.0	39.5	27.0	16.6	10.4	4.2	2.1
-7.5°	122.6	108.1	93.5	74.8	56.1	39.5	29.1	16.6	10.4	6.2	2.1
-10°	124.7	110.2	95.6	76.9	56.1	41.6	29.1	16.6	10.4	6.2	2.1
-12.5°	126.8	112.2	95.6	76.9	58.2	41.6	29.1	18.7	10.4	6.2	2.1
-15°	128.9	112.2	95.6	76.9	58.2	43.6	31.2	18.7	10.4	6.2	4.2
-17.5°	128.9	112.2	95.6	79.0	58.2	43.6	31.2	18.7	10.4	6.2	4.2
-20°	128.9	112.2	95.6	79.0	58.2	43.6	31.2	18.7	10.4	6.2	4.2



REPORT NUMBER: P724245

CATALOG NUMBER: IFLD-S-SA2D-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°	126.8	110.2	95.6	76.9	58.2	43.6	31.2	18.7	12.5	6.2	4.2
-25°	126.8	110.2	95.6	76.9	58.2	43.6	29.1	18.7	12.5	6.2	4.2
-27.5°	124.7	110.2	93.5	74.8	56.1	41.6	29.1	18.7	12.5	6.2	4.2
-30°	122.6	108.1	91.4	72.7	56.1	41.6	29.1	18.7	12.5	6.2	4.2
-32.5°	120.5	103.9	89.4	70.7	54.0	39.5	29.1	18.7	12.5	6.2	4.2
-35°	116.4	101.8	85.2	68.6	52.0	39.5	27.0	18.7	12.5	8.3	4.2
-37.5°	112.2	97.7	83.1	66.5	49.9	37.4	27.0	18.7	12.5	8.3	4.2
-40°	108.1	95.6	79.0	62.4	47.8	35.3	27.0	18.7	12.5	8.3	6.2
-42.5°	103.9	91.4	76.9	60.3	47.8	35.3	24.9	18.7	12.5	8.3	6.2
-45°	101.8	89.4	72.7	58.2	45.7	35.3	24.9	16.6	12.5	8.3	6.2
-47.5°	97.7	83.1	68.6	56.1	43.6	33.3	22.9	16.6	12.5	8.3	6.2
-50°	91.4	79.0	66.5	54.0	41.6	31.2	22.9	16.6	12.5	8.3	6.2
-52.5°	85.2	72.7	62.4	49.9	39.5	31.2	22.9	16.6	12.5	8.3	6.2
-55°	79.0	68.6	58.2	47.8	37.4	29.1	20.8	16.6	12.5	8.3	6.2
-57.5°	74.8	64.4	54.0	43.6	35.3	27.0	20.8	14.5	10.4	8.3	6.2
-60°	70.7	60.3	49.9	41.6	33.3	27.0	20.8	14.5	10.4	8.3	4.2
-62.5°	64.4	56.1	45.7	39.5	31.2	24.9	18.7	14.5	10.4	8.3	4.2
-65°	58.2	49.9	41.6	35.3	29.1	22.9	18.7	14.5	10.4	8.3	4.2
-67.5°	52.0	45.7	39.5	33.3	27.0	22.9	18.7	14.5	10.4	6.2	4.2
-70°	47.8	41.6	35.3	31.2	27.0	20.8	18.7	14.5	10.4	6.2	4.2
-72.5°	41.6	37.4	33.3	29.1	24.9	22.9	18.7	14.5	8.3	6.2	4.2
-75°	39.5	35.3	31.2	29.1	27.0	22.9	18.7	12.5	8.3	6.2	4.2
-77.5°	39.5	35.3	33.3	31.2	27.0	22.9	16.6	10.4	6.2	6.2	4.2
-80°	39.5	37.4	35.3	29.1	24.9	18.7	12.5	10.4	6.2	4.2	2.1
-82.5°	35.3	29.1	24.9	20.8	18.7	14.5	10.4	8.3	4.2	4.2	2.1
-85°	22.9	18.7	16.6	14.5	12.5	10.4	6.2	4.2	4.2	2.1	2.1
-87.5°	10.4	10.4	8.3	6.2	6.2	4.2	4.2	2.1	2.1	2.1	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: P724245  
 CATALOG NUMBER: IFLD-S-SA2D-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°	2.1	0.0	0.0	0.0
77.5°	2.1	0.0	0.0	0.0
75°	2.1	2.1	0.0	0.0
72.5°	2.1	2.1	0.0	0.0
70°	2.1	2.1	0.0	0.0
67.5°	2.1	2.1	0.0	0.0
65°	2.1	2.1	0.0	0.0
62.5°	2.1	2.1	0.0	0.0
60°	2.1	2.1	0.0	0.0
57.5°	2.1	2.1	2.1	0.0
55°	2.1	2.1	2.1	0.0
52.5°	2.1	2.1	2.1	0.0
50°	2.1	2.1	2.1	0.0
47.5°	2.1	2.1	2.1	0.0
45°	2.1	2.1	2.1	0.0
42.5°	2.1	2.1	2.1	0.0
40°	2.1	2.1	2.1	0.0
37.5°	2.1	2.1	2.1	0.0
35°	2.1	2.1	2.1	0.0
32.5°	2.1	2.1	2.1	0.0
30°	2.1	2.1	2.1	0.0
27.5°	2.1	2.1	2.1	0.0
25°	2.1	2.1	2.1	0.0
22.5°	2.1	2.1	2.1	0.0
20°	2.1	2.1	2.1	0.0
17.5°	2.1	2.1	2.1	0.0
15°	2.1	2.1	2.1	0.0
12.5°	2.1	2.1	2.1	0.0
10°	2.1	2.1	2.1	0.0
7.5°	2.1	2.1	2.1	0.0
5°	2.1	2.1	2.1	0.0
2.5°	2.1	2.1	2.1	0.0
0°	2.1	2.1	2.1	0.0
-2.5°	2.1	2.1	2.1	0.0
-5°	2.1	2.1	2.1	0.0
-7.5°	2.1	2.1	2.1	0.0
-10°	2.1	2.1	2.1	0.0
-12.5°	2.1	2.1	2.1	0.0
-15°	2.1	2.1	2.1	0.0
-17.5°	2.1	2.1	2.1	0.0
-20°	2.1	2.1	2.1	0.0



REPORT NUMBER: P724245  
CATALOG NUMBER: IFLD-S-SA2D-830-U-22-VI

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
-22.5°	2.1	2.1	2.1	0.0
-25°	2.1	2.1	2.1	0.0
-27.5°	2.1	2.1	2.1	0.0
-30°	2.1	2.1	2.1	0.0
-32.5°	2.1	2.1	2.1	0.0
-35°	2.1	2.1	2.1	0.0
-37.5°	2.1	2.1	2.1	0.0
-40°	2.1	2.1	2.1	0.0
-42.5°	2.1	2.1	2.1	0.0
-45°	2.1	2.1	2.1	0.0
-47.5°	2.1	2.1	2.1	0.0
-50°	2.1	2.1	2.1	0.0
-52.5°	2.1	2.1	2.1	0.0
-55°	2.1	2.1	2.1	0.0
-57.5°	2.1	2.1	2.1	0.0
-60°	2.1	2.1	0.0	0.0
-62.5°	2.1	2.1	0.0	0.0
-65°	2.1	2.1	0.0	0.0
-67.5°	2.1	2.1	0.0	0.0
-70°	2.1	2.1	0.0	0.0
-72.5°	2.1	2.1	0.0	0.0
-75°	2.1	2.1	0.0	0.0
-77.5°	2.1	0.0	0.0	0.0
-80°	2.1	0.0	0.0	0.0
-82.5°	2.1	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)