

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: P724246

Luminaire Tested: **IFLD-S-SA2E-830-U-22-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P724246
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA2E-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

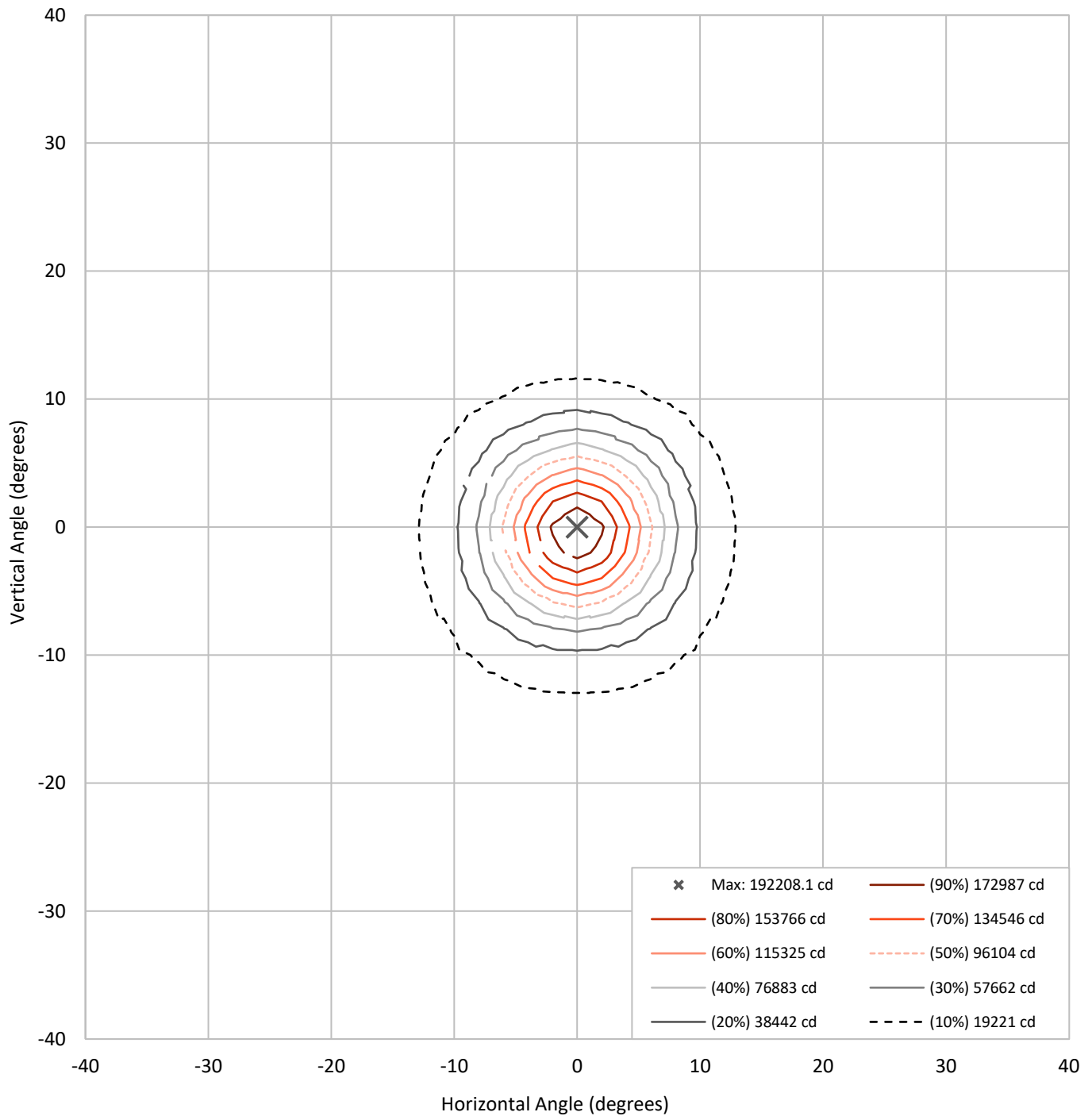
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	13425.8 lumens	Max Intensity:	192208.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	86.0 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	12.2°H x 11.7°V	Field Angle (10%):	25.1°H x 24.3°V
Beam Lumens:	4200.2 lumens	Field Lumens:	9557 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



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Iso-Candela Plot





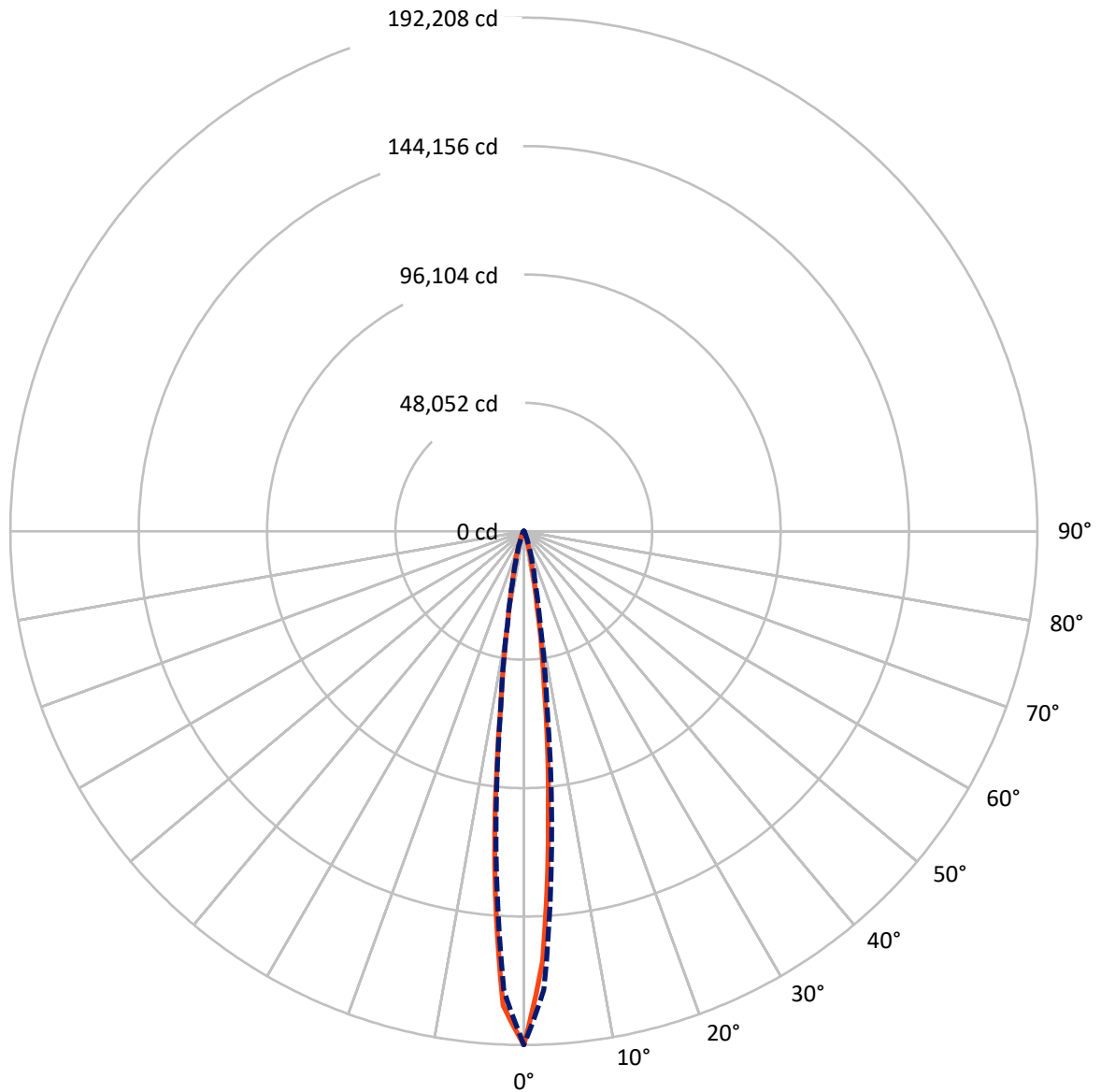
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Lumen Table

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	3.6	4.2	4.2	3.6	2.7	1.9	1.1	0.4	0.1	0.1			
40		0.2	0.9	2.0	3.4	5.4	8.2	9.8	9.8	8.2	5.4	3.4	2.0	0.9	0.2				
30	0.1	0.4	1.4	3.0	5.4	9.3	17.9	28.9	28.9	17.9	9.3	5.4	3.0	1.4	0.4	0.1			
20		0.6	1.9	4.0	8.2	20.3	105.8	267.6	267.6	105.8	20.3	8.2	4.0	1.9	0.6				
10	0.2	0.7	2.3	4.8	10.0	41.1	340.7	2099.3	2099.3	340.7	41.1	10.0	4.8	2.3	0.7	0.2			
0		0.9	2.5	5.0	10.4	46.9	374.9	2311.9	2311.9	374.9	46.9	10.4	5.0	2.5	0.9				
-10	0.3	0.9	2.6	5.0	9.8	28.1	168.3	405.5	405.5	168.3	28.1	9.8	5.0	2.6	0.9	0.3			
-20		0.9	2.6	4.7	8.3	14.3	34.8	65.3	65.3	34.8	14.3	8.3	4.7	2.6	0.9				
-30	0.3	0.8	2.4	4.4	6.9	10.1	14.4	16.9	16.9	14.4	10.1	6.9	4.4	2.4	0.8	0.3			
-40		0.7	2.1	3.9	6.0	7.9	10.0	11.1	11.1	10.0	7.9	6.0	3.9	2.1	0.7				
-50	0.2	0.6	1.6	3.3	5.2	6.9	8.5	9.2	9.2	8.5	6.9	5.2	3.3	1.6	0.6	0.2			
-60		0.5	1.2	2.4	4.0	5.5	6.9	7.7	7.7	6.9	5.5	4.0	2.4	1.2	0.5				
-70	0.1	1.8		5.0		9.3		11.2		9.3		5.0		1.8		0.1			
-80		1.8		5.0		9.3		11.2		9.3		5.0		1.8					
-90	0.1	1.8		5.0		9.3		11.2		9.3		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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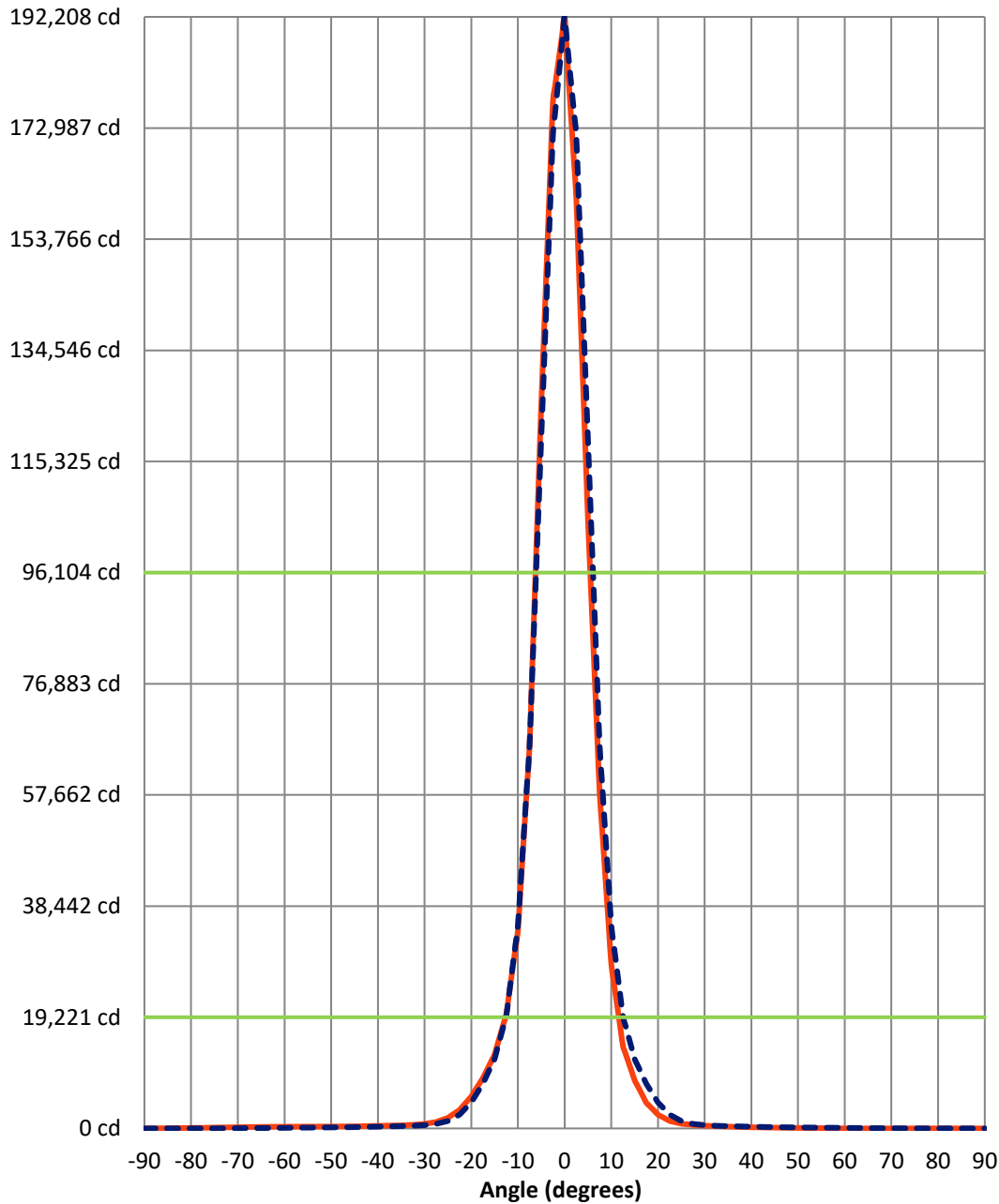
Luminous Intensity Polar Plot



— 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: 4200.2
Efficiency: 31.3%

Field:
H Angle: 25.1°
V Angle: 24.3°
Lumens: 9557
Efficiency: 71.2%

Spill:
Lumens: 3868.8
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	7.2	7.2	9.6	9.6	9.6	4.8	9.6
57.5°	38.5	38.5	36.1	33.7	31.3	28.9	28.9	28.9	28.9	28.9	24.1
55°	52.9	52.9	52.9	50.5	50.5	48.1	45.7	43.3	43.3	40.9	38.5
52.5°	62.5	62.5	62.5	62.5	60.1	60.1	60.1	57.7	52.9	52.9	50.5
50°	89.0	86.6	86.6	86.6	86.6	81.8	79.4	74.6	72.2	69.8	67.3
47.5°	115.5	115.5	113.0	113.0	110.6	105.8	101.0	96.2	91.4	89.0	84.2
45°	137.1	137.1	134.7	134.7	132.3	127.5	120.3	113.0	108.2	103.4	98.6
42.5°	168.4	166.0	163.6	161.2	156.3	149.1	139.5	129.9	122.7	115.5	110.6
40°	202.0	202.0	199.6	197.2	190.0	182.8	170.8	158.7	146.7	132.3	125.1
37.5°	242.9	245.3	247.7	247.7	242.9	233.3	216.5	202.0	182.8	163.6	153.9
35°	317.5	317.5	322.3	322.3	315.1	303.1	291.0	259.8	235.7	211.7	190.0
32.5°	399.3	401.7	392.1	384.8	375.2	360.8	339.1	312.7	286.2	255.0	230.9
30°	478.7	478.7	466.6	452.2	432.9	408.9	382.4	353.6	322.3	291.0	262.2
27.5°	603.7	591.7	582.1	558.0	524.4	478.7	445.0	399.3	358.4	322.3	291.0
25°	810.6	808.2	786.5	745.6	678.3	606.1	550.8	473.8	411.3	356.0	319.9
22.5°	1289.2	1272.4	1221.9	1120.9	962.1	837.0	724.0	603.7	490.7	416.1	358.4
20°	2383.6	2328.3	2193.6	1914.6	1558.6	1313.3	1031.9	829.8	639.8	500.3	413.7
17.5°	4447.4	4411.3	4360.8	3716.2	2992.2	2472.6	1840.0	1272.4	909.2	654.2	490.7
15°	8336.7	8069.7	7511.7	6739.6	5727.0	4425.7	3254.3	2054.1	1298.8	870.7	623.0
12.5°	14251.3	13955.4	12514.7	10583.2	8762.4	6910.4	4851.4	3122.1	1849.7	1106.4	738.4
10°	28396.7	26248.8	22215.1	16579.6	12940.4	9650.0	6811.7	4259.7	2407.7	1397.5	875.5
7.5°	58162.0	51143.4	39410.5	27821.8	18008.3	12656.6	8699.9	5570.6	3208.6	1748.6	1000.6
5°	105416.1	92964.0	70036.9	42171.7	26150.2	15862.8	10323.5	6624.1	3797.9	2034.9	1125.7
2.5°	160963.6	144855.4	101255.0	57988.8	32245.2	18345.1	11458.7	7316.9	4173.2	2229.7	1221.9
0°	192208.1	171691.1	119244.0	66390.5	35148.3	19398.6	12014.4	7733.0	4490.7	2388.4	1284.4
-2.5°	177552.8	161035.7	109586.9	61671.3	33587.3	18936.8	12093.7	7836.4	4543.6	2431.7	1313.3
-5°	125139.4	111583.2	75826.4	45510.3	28497.7	17443.1	11410.6	7446.7	4396.8	2369.2	1301.3
-7.5°	66205.3	60071.8	44969.1	32702.2	20800.8	14763.6	10272.9	6756.4	4016.8	2200.8	1229.1
-10°	34205.5	32947.5	28391.9	21402.2	16832.1	12367.9	8767.2	5777.5	3357.8	1895.4	1106.4
-12.5°	19720.9	19506.8	18042.0	15487.6	12906.7	10159.9	7194.2	4711.9	2802.1	1570.6	933.2
-15°	12769.6	12861.0	12351.1	11288.0	9818.3	7603.1	5527.3	3504.5	2073.3	1272.4	822.6
-17.5°	8714.3	8690.3	8452.1	7723.3	6539.9	5135.3	3663.2	2475.0	1570.6	991.0	683.1
-20°	5512.9	5522.5	5301.2	4798.5	3927.8	3165.3	2280.2	1669.3	1113.6	779.3	603.7



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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°	3199.0	3206.2	3066.7	2782.9	2325.9	1876.1	1481.7	1104.0	820.2	649.4	529.2
-25°	1837.6	1808.8	1753.4	1616.3	1402.3	1156.9	983.8	776.9	656.6	550.8	483.5
-27.5°	1113.6	1094.4	1065.5	1005.4	921.2	798.6	719.2	627.8	558.0	495.5	454.6
-30°	776.9	784.1	760.1	728.8	690.3	635.0	591.7	548.4	502.7	464.2	425.7
-32.5°	618.2	623.0	610.9	598.9	579.7	558.0	531.6	500.3	464.2	428.1	392.1
-35°	531.6	534.0	534.0	531.6	526.8	509.9	490.7	461.8	428.1	394.5	363.2
-37.5°	488.3	490.7	490.7	488.3	481.1	466.6	447.4	423.3	392.1	360.8	336.7
-40°	442.6	445.0	442.6	437.8	430.5	416.1	401.7	382.4	358.4	331.9	310.3
-42.5°	399.3	396.9	394.5	389.7	382.4	372.8	360.8	346.4	329.5	310.3	293.4
-45°	358.4	358.4	356.0	353.6	348.8	341.5	334.3	322.3	310.3	295.8	281.4
-47.5°	336.7	336.7	334.3	331.9	329.5	324.7	317.5	307.9	298.3	286.2	274.2
-50°	322.3	322.3	322.3	319.9	317.5	312.7	305.5	298.3	288.6	276.6	264.6
-52.5°	312.7	312.7	312.7	310.3	307.9	305.5	298.3	288.6	276.6	267.0	257.4
-55°	307.9	305.5	305.5	303.1	300.7	298.3	288.6	279.0	269.4	259.8	250.1
-57.5°	300.7	298.3	298.3	295.8	293.4	291.0	281.4	271.8	262.2	250.1	242.9
-60°	293.4	291.0	291.0	286.2	283.8	281.4	271.8	262.2	252.6	242.9	233.3
-62.5°	283.8	281.4	279.0	276.6	271.8	267.0	259.8	250.1	238.1	228.5	218.9
-65°	262.2	259.8	257.4	255.0	252.6	250.1	242.9	230.9	221.3	211.7	202.0
-67.5°	235.7	235.7	235.7	230.9	228.5	223.7	218.9	209.3	199.6	190.0	182.8
-70°	204.4	204.4	204.4	199.6	197.2	194.8	187.6	180.4	173.2	166.0	156.3
-72.5°	173.2	170.8	170.8	168.4	163.6	161.2	156.3	151.5	144.3	139.5	132.3
-75°	141.9	139.5	139.5	137.1	134.7	132.3	127.5	125.1	120.3	115.5	108.2
-77.5°	113.0	113.0	113.0	110.6	108.2	105.8	103.4	101.0	98.6	93.8	89.0
-80°	86.6	86.6	86.6	86.6	86.6	86.6	86.6	84.2	79.4	77.0	74.6
-82.5°	62.5	64.9	64.9	64.9	64.9	64.9	64.9	64.9	62.5	60.1	57.7
-85°	40.9	43.3	43.3	45.7	48.1	48.1	50.5	48.1	45.7	40.9	38.5
-87.5°	21.6	21.6	21.6	21.6	21.6	21.6	21.6	19.2	19.2	19.2	16.8
-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	7.2	7.2	7.2	9.6	9.6	9.6	9.6
82.5°	4.8	7.2	7.2	7.2	9.6	9.6	12.0	14.4	19.2	21.6	21.6
80°	4.8	7.2	7.2	7.2	9.6	9.6	12.0	12.0	14.4	16.8	21.6
77.5°	4.8	4.8	7.2	7.2	7.2	9.6	9.6	12.0	12.0	14.4	16.8
75°	2.4	4.8	4.8	4.8	7.2	7.2	9.6	9.6	12.0	12.0	14.4
72.5°	2.4	4.8	4.8	4.8	7.2	7.2	9.6	9.6	9.6	12.0	12.0
70°	2.4	4.8	4.8	4.8	4.8	7.2	7.2	7.2	9.6	9.6	9.6
67.5°	2.4	2.4	2.4	4.8	4.8	4.8	4.8	7.2	7.2	7.2	9.6
65°	2.4	2.4	2.4	2.4	4.8	4.8	4.8	4.8	7.2	7.2	7.2
62.5°	2.4	2.4	2.4	4.8	4.8	4.8	4.8	4.8	7.2	7.2	7.2
60°	9.6	9.6	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
57.5°	21.6	21.6	19.2	16.8	14.4	14.4	12.0	9.6	9.6	7.2	7.2
55°	36.1	33.7	31.3	26.5	24.1	21.6	19.2	14.4	12.0	9.6	7.2
52.5°	45.7	43.3	40.9	38.5	33.7	28.9	26.5	24.1	19.2	14.4	12.0
50°	67.3	60.1	55.3	50.5	45.7	40.9	36.1	33.7	26.5	21.6	16.8
47.5°	81.8	77.0	69.8	64.9	60.1	52.9	45.7	40.9	36.1	28.9	21.6
45°	93.8	89.0	81.8	77.0	72.2	64.9	57.7	50.5	45.7	38.5	28.9
42.5°	105.8	101.0	93.8	89.0	81.8	74.6	67.3	60.1	52.9	48.1	38.5
40°	122.7	115.5	105.8	101.0	96.2	86.6	77.0	69.8	62.5	55.3	45.7
37.5°	144.3	137.1	125.1	115.5	108.2	101.0	91.4	81.8	74.6	64.9	55.3
35°	178.0	166.0	149.1	134.7	125.1	115.5	103.4	93.8	84.2	74.6	64.9
32.5°	211.7	192.4	170.8	153.9	139.5	127.5	115.5	105.8	93.8	81.8	72.2
30°	238.1	216.5	194.8	170.8	153.9	139.5	127.5	115.5	103.4	91.4	79.4
27.5°	264.6	240.5	216.5	192.4	168.4	149.1	137.1	125.1	113.0	101.0	86.6
25°	291.0	264.6	240.5	214.1	185.2	163.6	146.7	137.1	125.1	110.6	93.8
22.5°	315.1	291.0	267.0	238.1	204.4	175.6	158.7	146.7	134.7	117.9	103.4
20°	360.8	329.5	300.7	264.6	226.1	197.2	175.6	158.7	144.3	127.5	110.6
17.5°	420.9	375.2	336.7	295.8	257.4	221.3	190.0	170.8	156.3	137.1	117.9
15°	497.9	418.5	370.4	329.5	283.8	242.9	209.3	182.8	163.6	144.3	127.5
12.5°	555.6	452.2	399.3	360.8	312.7	267.0	223.7	192.4	170.8	151.5	132.3
10°	620.6	488.3	423.3	380.0	329.5	279.0	233.3	199.6	175.6	158.7	139.5
7.5°	673.5	517.1	435.4	387.2	339.1	288.6	242.9	206.9	182.8	163.6	144.3
5°	721.6	541.2	445.0	389.7	344.0	295.8	247.7	211.7	187.6	168.4	149.1
2.5°	755.3	562.8	454.6	394.5	348.8	300.7	255.0	216.5	192.4	173.2	153.9
0°	784.1	570.1	452.2	394.5	351.2	300.7	257.4	218.9	194.8	175.6	156.3
-2.5°	793.7	582.1	464.2	399.3	356.0	305.5	262.2	221.3	197.2	178.0	161.2
-5°	793.7	572.5	464.2	404.1	358.4	307.9	262.2	223.7	199.6	180.4	161.2
-7.5°	764.9	558.0	461.8	408.9	360.8	310.3	262.2	226.1	202.0	182.8	163.6
-10°	714.4	536.4	459.4	411.3	360.8	307.9	262.2	226.1	202.0	182.8	166.0
-12.5°	632.6	507.5	447.4	406.5	356.0	303.1	259.8	226.1	202.0	185.2	166.0
-15°	591.7	483.5	432.9	392.1	344.0	295.8	255.0	223.7	202.0	185.2	168.4
-17.5°	536.4	464.2	418.5	377.6	334.3	288.6	250.1	223.7	202.0	182.8	168.4
-20°	497.9	442.6	401.7	365.6	322.3	281.4	247.7	221.3	202.0	182.8	168.4



REPORT NUMBER: P724246

CATALOG NUMBER: IFLD-S-SA2E-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°	464.2	418.5	382.4	346.4	307.9	271.8	242.9	218.9	199.6	182.8	168.4
-25°	437.8	396.9	363.2	329.5	295.8	264.6	238.1	216.5	197.2	182.8	166.0
-27.5°	413.7	375.2	344.0	312.7	281.4	257.4	233.3	214.1	197.2	180.4	163.6
-30°	387.2	356.0	324.7	295.8	274.2	250.1	228.5	209.3	194.8	178.0	161.2
-32.5°	360.8	331.9	305.5	283.8	264.6	245.3	226.1	206.9	190.0	173.2	156.3
-35°	336.7	310.3	291.0	271.8	257.4	240.5	221.3	202.0	187.6	170.8	156.3
-37.5°	312.7	293.4	276.6	262.2	247.7	233.3	214.1	197.2	182.8	166.0	149.1
-40°	293.4	279.0	267.0	255.0	240.5	223.7	209.3	192.4	178.0	161.2	141.9
-42.5°	281.4	269.4	257.4	245.3	233.3	218.9	204.4	187.6	173.2	156.3	137.1
-45°	269.4	259.8	250.1	240.5	228.5	214.1	197.2	180.4	166.0	149.1	134.7
-47.5°	262.2	252.6	242.9	235.7	226.1	206.9	192.4	175.6	158.7	144.3	127.5
-50°	255.0	245.3	238.1	228.5	216.5	199.6	185.2	168.4	153.9	137.1	122.7
-52.5°	247.7	238.1	228.5	218.9	206.9	192.4	178.0	163.6	146.7	129.9	115.5
-55°	240.5	230.9	221.3	211.7	199.6	187.6	173.2	153.9	137.1	120.3	105.8
-57.5°	233.3	226.1	214.1	202.0	190.0	178.0	161.2	144.3	127.5	110.6	98.6
-60°	223.7	214.1	204.4	190.0	178.0	163.6	149.1	134.7	117.9	103.4	91.4
-62.5°	209.3	199.6	190.0	175.6	163.6	151.5	139.5	122.7	110.6	96.2	84.2
-65°	192.4	182.8	173.2	161.2	149.1	137.1	127.5	113.0	101.0	89.0	79.4
-67.5°	173.2	163.6	156.3	144.3	134.7	122.7	113.0	101.0	89.0	79.4	69.8
-70°	149.1	141.9	134.7	125.1	115.5	105.8	96.2	86.6	77.0	69.8	60.1
-72.5°	127.5	120.3	113.0	105.8	98.6	89.0	81.8	74.6	67.3	60.1	55.3
-75°	103.4	98.6	93.8	89.0	81.8	74.6	69.8	62.5	57.7	52.9	50.5
-77.5°	86.6	81.8	77.0	72.2	67.3	62.5	57.7	52.9	50.5	48.1	45.7
-80°	69.8	67.3	64.9	60.1	57.7	52.9	50.5	45.7	45.7	45.7	45.7
-82.5°	55.3	52.9	50.5	48.1	45.7	43.3	43.3	40.9	43.3	43.3	40.9
-85°	38.5	36.1	33.7	33.7	31.3	31.3	28.9	28.9	28.9	26.5	26.5
-87.5°	16.8	16.8	16.8	16.8	14.4	14.4	14.4	14.4	14.4	12.0	12.0
-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: P724246
 CATALOG NUMBER: IFLD-S-SA2E-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°	4.8	4.8	2.4	2.4	2.4	2.4	2.4	2.4	2.4	0.0	0.0
85°	9.6	9.6	7.2	7.2	7.2	4.8	4.8	2.4	2.4	2.4	2.4
82.5°	21.6	19.2	16.8	14.4	12.0	9.6	7.2	4.8	4.8	2.4	2.4
80°	26.5	26.5	26.5	24.1	19.2	14.4	9.6	7.2	4.8	2.4	2.4
77.5°	19.2	19.2	21.6	24.1	24.1	19.2	12.0	7.2	4.8	4.8	2.4
75°	14.4	14.4	14.4	16.8	19.2	19.2	14.4	9.6	4.8	4.8	2.4
72.5°	14.4	14.4	14.4	14.4	14.4	14.4	14.4	9.6	7.2	4.8	4.8
70°	12.0	12.0	12.0	12.0	12.0	12.0	12.0	9.6	7.2	4.8	4.8
67.5°	9.6	9.6	12.0	12.0	12.0	9.6	9.6	9.6	7.2	4.8	4.8
65°	7.2	9.6	9.6	12.0	9.6	9.6	9.6	7.2	7.2	4.8	4.8
62.5°	7.2	7.2	9.6	9.6	9.6	9.6	7.2	7.2	7.2	4.8	4.8
60°	7.2	7.2	7.2	9.6	7.2	7.2	7.2	7.2	7.2	4.8	4.8
57.5°	7.2	7.2	7.2	7.2	7.2	7.2	7.2	4.8	4.8	4.8	4.8
55°	7.2	7.2	7.2	7.2	7.2	7.2	4.8	4.8	4.8	4.8	4.8
52.5°	9.6	7.2	7.2	7.2	7.2	7.2	4.8	4.8	4.8	4.8	4.8
50°	12.0	7.2	7.2	7.2	7.2	4.8	4.8	4.8	4.8	4.8	4.8
47.5°	16.8	12.0	9.6	7.2	7.2	4.8	4.8	4.8	4.8	4.8	2.4
45°	24.1	16.8	12.0	9.6	7.2	4.8	4.8	4.8	4.8	4.8	2.4
42.5°	28.9	21.6	14.4	12.0	9.6	7.2	4.8	4.8	4.8	2.4	2.4
40°	36.1	28.9	19.2	14.4	9.6	7.2	4.8	4.8	4.8	2.4	2.4
37.5°	45.7	36.1	24.1	16.8	12.0	7.2	7.2	4.8	4.8	2.4	2.4
35°	52.9	40.9	31.3	19.2	14.4	9.6	7.2	4.8	4.8	2.4	2.4
32.5°	60.1	48.1	38.5	24.1	16.8	12.0	9.6	4.8	4.8	2.4	2.4
30°	67.3	55.3	43.3	31.3	21.6	14.4	9.6	4.8	4.8	2.4	2.4
27.5°	74.6	60.1	48.1	36.1	24.1	16.8	12.0	7.2	4.8	2.4	2.4
25°	81.8	67.3	52.9	40.9	26.5	19.2	12.0	7.2	4.8	4.8	2.4
22.5°	86.6	74.6	60.1	45.7	31.3	21.6	14.4	9.6	4.8	4.8	2.4
20°	93.8	81.8	64.9	50.5	36.1	24.1	14.4	9.6	4.8	4.8	2.4
17.5°	101.0	86.6	69.8	55.3	40.9	26.5	16.8	12.0	4.8	4.8	2.4
15°	108.2	91.4	74.6	57.7	43.3	28.9	16.8	12.0	4.8	4.8	2.4
12.5°	115.5	98.6	79.4	62.5	45.7	31.3	19.2	14.4	7.2	4.8	2.4
10°	120.3	103.4	84.2	64.9	48.1	36.1	21.6	14.4	7.2	4.8	2.4
7.5°	127.5	108.2	89.0	69.8	50.5	38.5	24.1	14.4	7.2	4.8	2.4
5°	129.9	113.0	91.4	74.6	52.9	40.9	26.5	16.8	7.2	4.8	2.4
2.5°	132.3	117.9	93.8	77.0	55.3	40.9	26.5	16.8	9.6	4.8	2.4
0°	134.7	120.3	96.2	79.4	57.7	43.3	28.9	16.8	9.6	4.8	2.4
-2.5°	137.1	122.7	101.0	81.8	60.1	45.7	31.3	16.8	9.6	4.8	2.4
-5°	139.5	122.7	105.8	84.2	62.5	45.7	31.3	19.2	12.0	4.8	2.4
-7.5°	141.9	125.1	108.2	86.6	64.9	45.7	33.7	19.2	12.0	7.2	2.4
-10°	144.3	127.5	110.6	89.0	64.9	48.1	33.7	19.2	12.0	7.2	2.4
-12.5°	146.7	129.9	110.6	89.0	67.3	48.1	33.7	21.6	12.0	7.2	2.4
-15°	149.1	129.9	110.6	89.0	67.3	50.5	36.1	21.6	12.0	7.2	4.8
-17.5°	149.1	129.9	110.6	91.4	67.3	50.5	36.1	21.6	12.0	7.2	4.8
-20°	149.1	129.9	110.6	91.4	67.3	50.5	36.1	21.6	12.0	7.2	4.8



REPORT NUMBER: P724246

CATALOG NUMBER: IFLD-S-SA2E-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°	146.7	127.5	110.6	89.0	67.3	50.5	36.1	21.6	14.4	7.2	4.8
-25°	146.7	127.5	110.6	89.0	67.3	50.5	33.7	21.6	14.4	7.2	4.8
-27.5°	144.3	127.5	108.2	86.6	64.9	48.1	33.7	21.6	14.4	7.2	4.8
-30°	141.9	125.1	105.8	84.2	64.9	48.1	33.7	21.6	14.4	7.2	4.8
-32.5°	139.5	120.3	103.4	81.8	62.5	45.7	33.7	21.6	14.4	7.2	4.8
-35°	134.7	117.9	98.6	79.4	60.1	45.7	31.3	21.6	14.4	9.6	4.8
-37.5°	129.9	113.0	96.2	77.0	57.7	43.3	31.3	21.6	14.4	9.6	4.8
-40°	125.1	110.6	91.4	72.2	55.3	40.9	31.3	21.6	14.4	9.6	7.2
-42.5°	120.3	105.8	89.0	69.8	55.3	40.9	28.9	21.6	14.4	9.6	7.2
-45°	117.9	103.4	84.2	67.3	52.9	40.9	28.9	19.2	14.4	9.6	7.2
-47.5°	113.0	96.2	79.4	64.9	50.5	38.5	26.5	19.2	14.4	9.6	7.2
-50°	105.8	91.4	77.0	62.5	48.1	36.1	26.5	19.2	14.4	9.6	7.2
-52.5°	98.6	84.2	72.2	57.7	45.7	36.1	26.5	19.2	14.4	9.6	7.2
-55°	91.4	79.4	67.3	55.3	43.3	33.7	24.1	19.2	14.4	9.6	7.2
-57.5°	86.6	74.6	62.5	50.5	40.9	31.3	24.1	16.8	12.0	9.6	7.2
-60°	81.8	69.8	57.7	48.1	38.5	31.3	24.1	16.8	12.0	9.6	4.8
-62.5°	74.6	64.9	52.9	45.7	36.1	28.9	21.6	16.8	12.0	9.6	4.8
-65°	67.3	57.7	48.1	40.9	33.7	26.5	21.6	16.8	12.0	9.6	4.8
-67.5°	60.1	52.9	45.7	38.5	31.3	26.5	21.6	16.8	12.0	7.2	4.8
-70°	55.3	48.1	40.9	36.1	31.3	24.1	21.6	16.8	12.0	7.2	4.8
-72.5°	48.1	43.3	38.5	33.7	28.9	26.5	21.6	16.8	9.6	7.2	4.8
-75°	45.7	40.9	36.1	33.7	31.3	26.5	21.6	14.4	9.6	7.2	4.8
-77.5°	45.7	40.9	38.5	36.1	31.3	26.5	19.2	12.0	7.2	7.2	4.8
-80°	45.7	43.3	40.9	33.7	28.9	21.6	14.4	12.0	7.2	4.8	2.4
-82.5°	40.9	33.7	28.9	24.1	21.6	16.8	12.0	9.6	4.8	4.8	2.4
-85°	26.5	21.6	19.2	16.8	14.4	12.0	7.2	4.8	4.8	2.4	2.4
-87.5°	12.0	12.0	9.6	7.2	7.2	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: P724246
 CATALOG NUMBER: IFLD-S-SA2E-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°	2.4	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: P724246
CATALOG NUMBER: IFLD-S-SA2E-830-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)