

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: P724240

Luminaire Tested: **IFLD-L-SA8C-827-U-22-VI**

Issue Date: 01/11/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P724240  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 01/11/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-L-SA8C-827-U-22-VI  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 2 distribution lens and Visor  
Light Source: (128) 2700K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

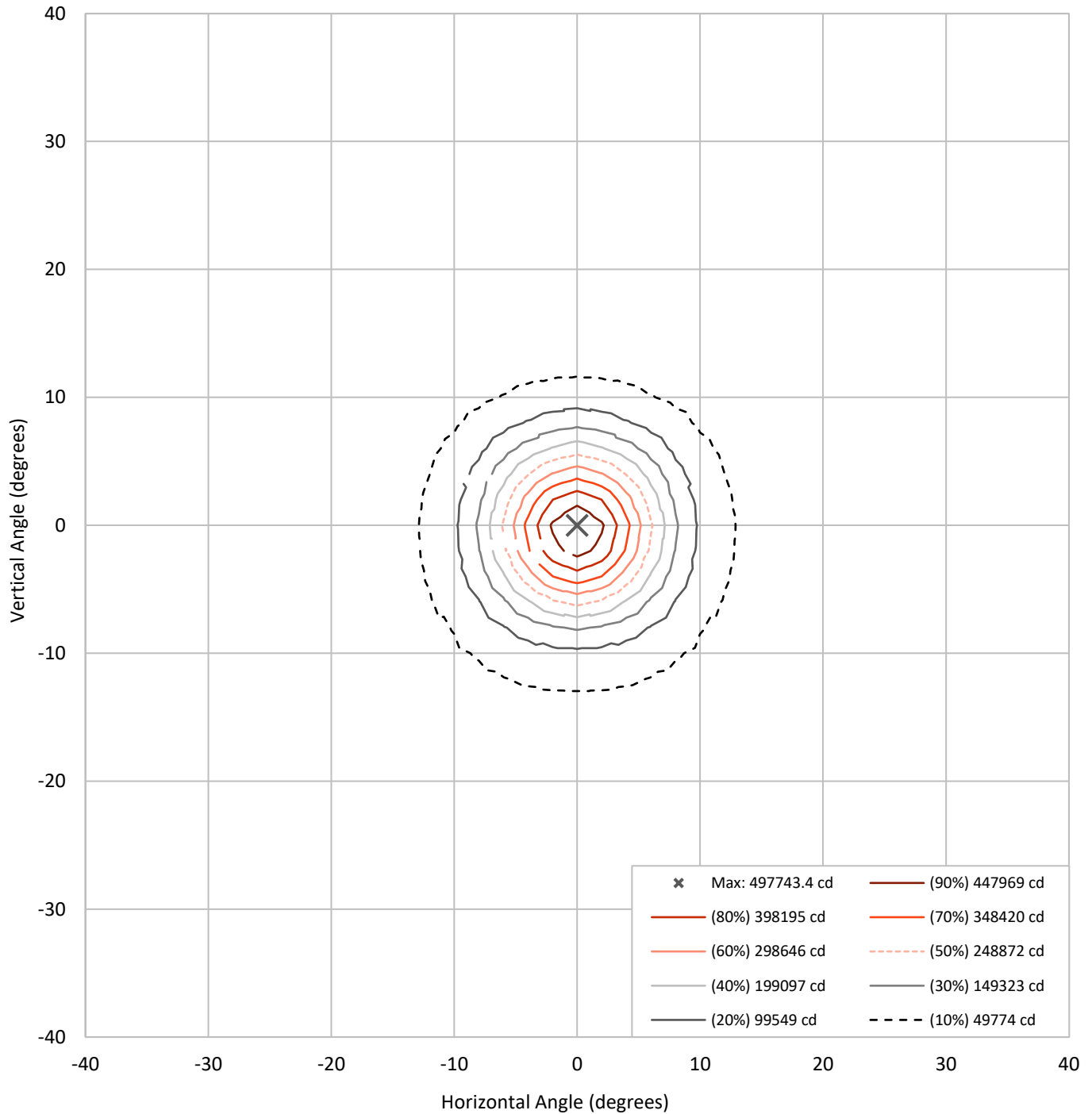
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	34767.6 lumens	Max Intensity:	497743.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	82.7 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	12.2°H x 11.7°V	Field Angle (10%):	25.1°H x 24.3°V
Beam Lumens:	10876.9 lumens	Field Lumens:	24748.9 lumens
Beam Efficiency:	31.3%	Field Efficiency:	71.2%

Input Watts (W): 420.3  
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: P724240  
CATALOG NUMBER: IFLD-L-SA8C-827-U-22-VI

### Iso-Candela Plot





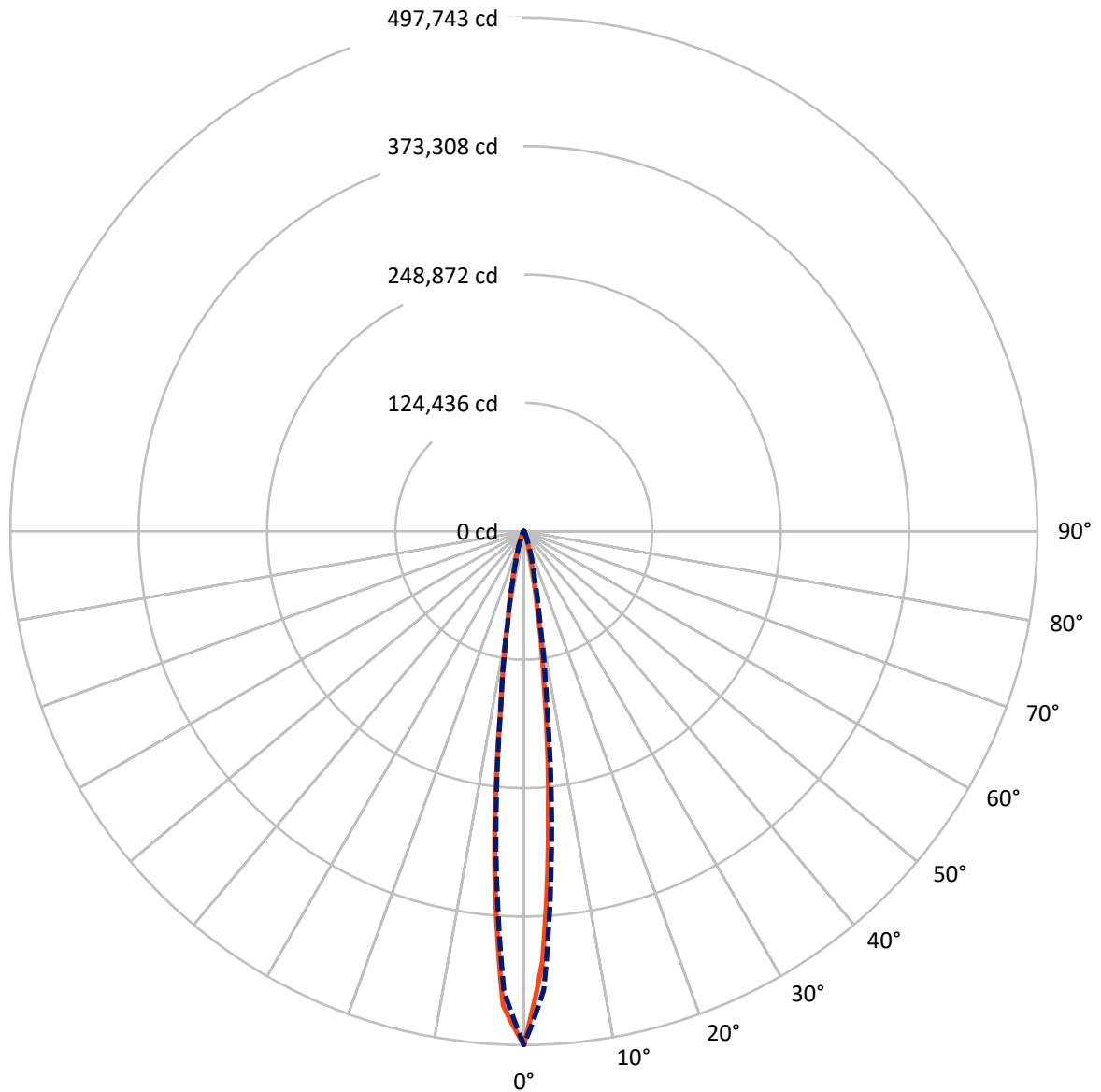
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### Lumen Table

90	0.2	2.1		1.8		0.8		0.1		0.8		1.8		2.1		0.2
80	0.2	2.1		1.8		0.8		0.1		0.8		1.8		2.1		0.2
70	0.3	0.3	0.4	0.4	0.3	0.2	0.2	0.1	0.1	0.2	0.2	0.3	0.4	0.4	0.3	0.3
60		0.2	0.4	1.0	1.8	2.7	3.4	3.8	3.8	3.4	2.7	1.8	1.0	0.4	0.2	
50	0.2	0.3	1.1	2.9	4.9	7.0	9.2	10.9	10.9	9.2	7.0	4.9	2.9	1.1	0.3	0.2
40		0.6	2.4	5.2	8.9	14.0	21.1	25.3	25.3	21.1	14.0	8.9	5.2	2.4	0.6	
30	0.3	1.0	3.7	7.6	14.0	24.1	46.4	74.8	74.8	46.4	24.1	14.0	7.6	3.7	1.0	0.3
20		1.5	5.0	10.4	21.2	52.4	273.9	693.0	693.0	273.9	52.4	21.2	10.4	5.0	1.5	
10	0.6	1.9	5.9	12.3	25.8	106.5	882.2	5436.4	5436.4	882.2	106.5	25.8	12.3	5.9	1.9	0.6
0		2.2	6.5	13.0	26.9	121.4	970.8	5986.9	5986.9	970.8	121.4	26.9	13.0	6.5	2.2	
-10	0.7	2.4	6.8	12.9	25.3	72.8	435.7	1050.0	1050.0	435.7	72.8	25.3	12.9	6.8	2.4	0.7
-20		2.4	6.7	12.3	21.4	37.1	90.0	169.2	169.2	90.0	37.1	21.4	12.3	6.7	2.4	
-30	0.7	2.1	6.2	11.4	17.8	26.3	37.2	43.7	43.7	37.2	26.3	17.8	11.4	6.2	2.1	0.7
-40		1.9	5.3	10.2	15.5	20.4	25.9	28.7	28.7	25.9	20.4	15.5	10.2	5.3	1.9	
-50	0.6	1.5	4.3	8.6	13.6	17.9	21.9	23.9	23.9	21.9	17.9	13.6	8.6	4.3	1.5	0.6
-60		1.2	3.1	6.3	10.3	14.3	18.0	19.9	19.9	18.0	14.3	10.3	6.3	3.1	1.2	
-70	0.3	4.7		13.0		24.0		29.0		24.0		13.0		4.7		0.3
-80		4.7		13.0		24.0		29.0		24.0		13.0		4.7		
-90	0.3	4.7		13.0		24.0		29.0		24.0		13.0		4.7		0.3

REPORT NUMBER: P724240  
CATALOG NUMBER: IFLD-L-SA8C-827-U-22-VI

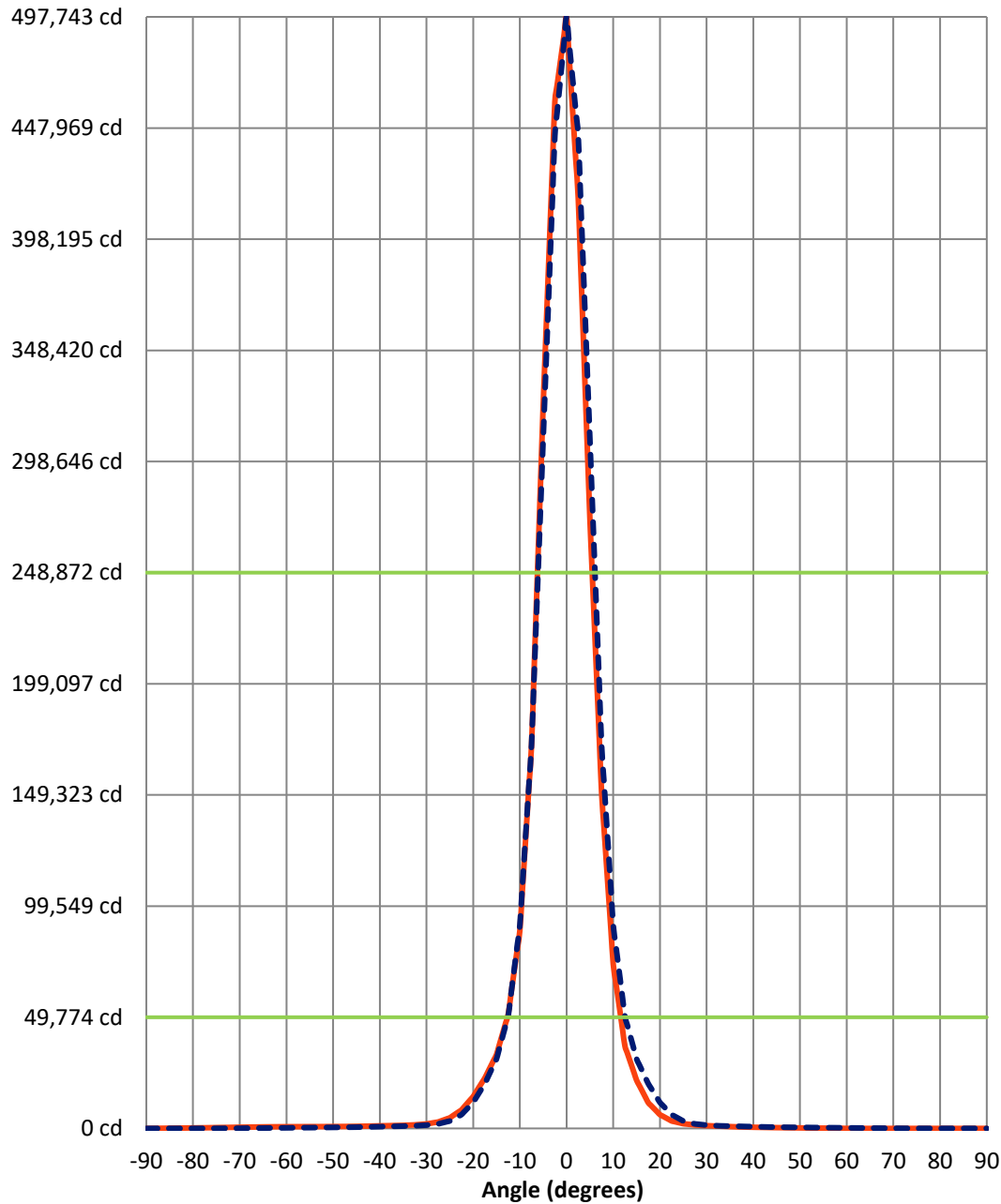
### Luminous Intensity Polar Plot



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

REPORT NUMBER: P724240  
 CATALOG NUMBER: IFLD-L-SA8C-827-U-22-VI

### Luminous Intensity Plot



**Beam:**  
 H Angle: 12.2°  
 V Angle: 11.7°  
 Lumens: 10876.9  
 Efficiency: 31.3%

**Field:**  
 H Angle: 25.1°  
 V Angle: 24.3°  
 Lumens: 24748.9  
 Efficiency: 71.2%

**Spill:**  
 Lumens: 10018.7  
 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	6.2	6.2
85°	0.0	0.0	0.0	0.0	6.2	6.2	6.2	6.2	6.2	12.5	12.5
82.5°	0.0	0.0	0.0	0.0	6.2	6.2	6.2	6.2	12.5	12.5	12.5
80°	0.0	0.0	0.0	0.0	6.2	6.2	6.2	6.2	12.5	12.5	12.5
77.5°	0.0	0.0	0.0	0.0	6.2	6.2	6.2	6.2	6.2	6.2	12.5
75°	0.0	0.0	0.0	0.0	6.2	6.2	6.2	6.2	6.2	6.2	6.2
72.5°	0.0	0.0	0.0	0.0	6.2	6.2	6.2	6.2	6.2	6.2	6.2
70°	0.0	0.0	0.0	0.0	6.2	6.2	6.2	6.2	6.2	6.2	6.2
67.5°	0.0	0.0	0.0	0.0	6.2	6.2	6.2	6.2	6.2	6.2	6.2
65°	0.0	0.0	0.0	0.0	6.2	6.2	6.2	6.2	6.2	6.2	6.2
62.5°	0.0	0.0	0.0	0.0	6.2	6.2	6.2	6.2	6.2	6.2	6.2
60°	12.5	12.5	12.5	12.5	18.7	18.7	24.9	24.9	24.9	12.5	24.9
57.5°	99.7	99.7	93.4	87.2	81.0	74.7	74.7	74.7	74.7	74.7	62.3
55°	137.0	137.0	137.0	130.8	130.8	124.6	118.3	112.1	112.1	105.9	99.7
52.5°	161.9	161.9	161.9	161.9	155.7	155.7	155.7	149.5	137.0	137.0	130.8
50°	230.5	224.2	224.2	224.2	224.2	211.8	205.5	193.1	186.9	180.6	174.4
47.5°	299.0	299.0	292.7	292.7	286.5	274.1	261.6	249.1	236.7	230.5	218.0
45°	355.0	355.0	348.8	348.8	342.6	330.1	311.4	292.7	280.3	267.8	255.4
42.5°	436.0	429.8	423.6	417.3	404.9	386.2	361.3	336.4	317.7	299.0	286.5
40°	523.2	523.2	517.0	510.8	492.1	473.4	442.2	411.1	380.0	342.6	323.9
37.5°	629.1	635.3	641.6	641.6	629.1	604.2	560.6	523.2	473.4	423.6	398.6
35°	822.2	822.2	834.6	834.6	816.0	784.8	753.7	672.7	610.4	548.1	492.1
32.5°	1034.0	1040.2	1015.3	996.6	971.7	934.3	878.2	809.7	741.2	660.2	598.0
30°	1239.5	1239.5	1208.4	1171.0	1121.2	1058.9	990.4	915.6	834.6	753.7	678.9
27.5°	1563.4	1532.3	1507.4	1445.1	1357.9	1239.5	1152.3	1034.0	928.1	834.6	753.7
25°	2099.1	2092.9	2036.8	1930.9	1756.5	1569.6	1426.4	1227.1	1065.1	921.9	828.4
22.5°	3338.6	3295.0	3164.2	2902.6	2491.5	2167.6	1874.8	1563.4	1270.7	1077.6	928.1
20°	6172.7	6029.4	5680.6	4958.1	4036.2	3400.9	2672.1	2148.9	1656.8	1295.6	1071.3
17.5°	11516.9	11423.5	11292.7	9623.4	7748.5	6403.1	4765.0	3295.0	2354.5	1694.2	1270.7
15°	21588.8	20897.4	19452.3	17452.9	14830.6	11460.8	8427.5	5319.3	3363.5	2254.8	1613.2
12.5°	36905.2	36139.0	32408.0	27406.4	22691.2	17895.1	12563.3	8084.9	4789.9	2865.2	1912.2
10°	73536.3	67974.0	57528.5	42934.6	33510.5	24989.6	17639.7	11031.1	6235.0	3618.9	2267.3
7.5°	150616.7	132441.3	102057.6	72047.6	46634.4	32775.5	22529.3	14425.7	8309.1	4528.3	2591.1
5°	272986.2	240740.1	181367.9	109208.2	67718.7	41078.4	26733.7	17153.9	9835.2	5269.5	2915.0
2.5°	416832.3	375118.6	262210.5	150168.3	83502.2	47506.5	29673.6	18947.8	10806.8	5774.0	3164.2
0°	497743.4	444612.4	308795.1	171925.2	91020.3	50234.6	31112.5	20025.3	11629.0	6185.1	3326.1
-2.5°	459791.8	417019.2	283786.8	159704.4	86977.9	49038.7	31318.0	20293.2	11766.1	6297.2	3400.9
-5°	324061.7	288956.6	196360.5	117853.6	73797.9	45170.7	29549.1	19284.1	11386.1	6135.3	3369.7
-7.5°	171445.6	155562.3	116452.2	84685.7	53866.0	38231.9	26602.9	17496.5	10402.0	5699.3	3182.9
-10°	88578.7	85321.0	73523.8	55423.2	43588.6	32028.1	22703.7	14961.4	8695.3	4908.2	2865.2
-12.5°	51069.3	50514.9	46721.6	40106.7	33423.3	26310.1	18630.1	12202.1	7256.5	4067.4	2416.7
-15°	33068.3	33305.0	31984.5	29231.4	25425.6	19689.0	14313.6	9075.2	5369.2	3295.0	2130.2
-17.5°	22566.7	22504.4	21887.7	20000.4	16935.9	13298.3	9486.3	6409.4	4067.4	2566.2	1769.0
-20°	14276.2	14301.1	13728.1	12426.3	10171.5	8197.0	5904.8	4322.7	2883.9	2018.1	1563.4



REPORT NUMBER: P724240  
 CATALOG NUMBER: IFLD-L-SA8C-827-U-22-VI

**CANDELA DISTRIBUTION (continued):**

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	8284.2	8302.9	7941.6	7206.6	6023.2	4858.4	3836.9	2859.0	2124.0	1681.8	1370.3
-25°	4758.7	4684.0	4540.7	4185.7	3631.3	2996.0	2547.5	2011.9	1700.4	1426.4	1252.0
-27.5°	2883.9	2834.1	2759.3	2603.6	2385.6	2067.9	1862.4	1625.7	1445.1	1283.1	1177.2
-30°	2011.9	2030.6	1968.3	1887.3	1787.6	1644.4	1532.3	1420.1	1301.8	1202.1	1102.5
-32.5°	1600.8	1613.2	1582.1	1551.0	1501.1	1445.1	1376.5	1295.6	1202.1	1108.7	1015.3
-35°	1376.5	1382.8	1382.8	1376.5	1364.1	1320.5	1270.7	1195.9	1108.7	1021.5	940.5
-37.5°	1264.4	1270.7	1270.7	1264.4	1245.7	1208.4	1158.5	1096.3	1015.3	934.3	872.0
-40°	1146.1	1152.3	1146.1	1133.6	1114.9	1077.6	1040.2	990.4	928.1	859.6	803.5
-42.5°	1034.0	1027.7	1021.5	1009.1	990.4	965.5	934.3	896.9	853.3	803.5	759.9
-45°	928.1	928.1	921.9	915.6	903.2	884.5	865.8	834.6	803.5	766.1	728.8
-47.5°	872.0	872.0	865.8	859.6	853.3	840.9	822.2	797.3	772.4	741.2	710.1
-50°	834.6	834.6	834.6	828.4	822.2	809.7	791.0	772.4	747.4	716.3	685.2
-52.5°	809.7	809.7	809.7	803.5	797.3	791.0	772.4	747.4	716.3	691.4	666.5
-55°	797.3	791.0	791.0	784.8	778.6	772.4	747.4	722.5	697.6	672.7	647.8
-57.5°	778.6	772.4	772.4	766.1	759.9	753.7	728.8	703.8	678.9	647.8	629.1
-60°	759.9	753.7	753.7	741.2	735.0	728.8	703.8	678.9	654.0	629.1	604.2
-62.5°	735.0	728.8	722.5	716.3	703.8	691.4	672.7	647.8	616.6	591.7	566.8
-65°	678.9	672.7	666.5	660.2	654.0	647.8	629.1	598.0	573.0	548.1	523.2
-67.5°	610.4	610.4	610.4	598.0	591.7	579.3	566.8	541.9	517.0	492.1	473.4
-70°	529.4	529.4	529.4	517.0	510.8	504.5	485.8	467.2	448.5	429.8	404.9
-72.5°	448.5	442.2	442.2	436.0	423.6	417.3	404.9	392.4	373.7	361.3	342.6
-75°	367.5	361.3	361.3	355.0	348.8	342.6	330.1	323.9	311.4	299.0	280.3
-77.5°	292.7	292.7	292.7	286.5	280.3	274.1	267.8	261.6	255.4	242.9	230.5
-80°	224.2	224.2	224.2	224.2	224.2	224.2	224.2	218.0	205.5	199.3	193.1
-82.5°	161.9	168.2	168.2	168.2	168.2	168.2	168.2	168.2	161.9	155.7	149.5
-85°	105.9	112.1	112.1	118.3	124.6	124.6	130.8	124.6	118.3	105.9	99.7
-87.5°	56.1	56.1	56.1	56.1	56.1	56.1	56.1	49.8	49.8	49.8	43.6
-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: P724240  
 CATALOG NUMBER: IFLD-L-SA8C-827-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°	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	12.5	12.5	12.5
85°	12.5	12.5	12.5	12.5	18.7	18.7	18.7	24.9	24.9	24.9	24.9
82.5°	12.5	18.7	18.7	18.7	24.9	24.9	31.1	37.4	49.8	56.1	56.1
80°	12.5	18.7	18.7	18.7	24.9	24.9	31.1	31.1	37.4	43.6	56.1
77.5°	12.5	12.5	18.7	18.7	18.7	24.9	24.9	31.1	31.1	37.4	43.6
75°	6.2	12.5	12.5	12.5	18.7	18.7	24.9	24.9	31.1	31.1	37.4
72.5°	6.2	12.5	12.5	12.5	18.7	18.7	24.9	24.9	24.9	31.1	31.1
70°	6.2	12.5	12.5	12.5	12.5	18.7	18.7	18.7	24.9	24.9	24.9
67.5°	6.2	6.2	6.2	12.5	12.5	12.5	12.5	18.7	18.7	18.7	24.9
65°	6.2	6.2	6.2	6.2	12.5	12.5	12.5	12.5	18.7	18.7	18.7
62.5°	6.2	6.2	6.2	12.5	12.5	12.5	12.5	12.5	18.7	18.7	18.7
60°	24.9	24.9	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
57.5°	56.1	56.1	49.8	43.6	37.4	37.4	31.1	24.9	24.9	18.7	18.7
55°	93.4	87.2	81.0	68.5	62.3	56.1	49.8	37.4	31.1	24.9	18.7
52.5°	118.3	112.1	105.9	99.7	87.2	74.7	68.5	62.3	49.8	37.4	31.1
50°	174.4	155.7	143.3	130.8	118.3	105.9	93.4	87.2	68.5	56.1	43.6
47.5°	211.8	199.3	180.6	168.2	155.7	137.0	118.3	105.9	93.4	74.7	56.1
45°	242.9	230.5	211.8	199.3	186.9	168.2	149.5	130.8	118.3	99.7	74.7
42.5°	274.1	261.6	242.9	230.5	211.8	193.1	174.4	155.7	137.0	124.6	99.7
40°	317.7	299.0	274.1	261.6	249.1	224.2	199.3	180.6	161.9	143.3	118.3
37.5°	373.7	355.0	323.9	299.0	280.3	261.6	236.7	211.8	193.1	168.2	143.3
35°	460.9	429.8	386.2	348.8	323.9	299.0	267.8	242.9	218.0	193.1	168.2
32.5°	548.1	498.3	442.2	398.6	361.3	330.1	299.0	274.1	242.9	211.8	186.9
30°	616.6	560.6	504.5	442.2	398.6	361.3	330.1	299.0	267.8	236.7	205.5
27.5°	685.2	622.9	560.6	498.3	436.0	386.2	355.0	323.9	292.7	261.6	224.2
25°	753.7	685.2	622.9	554.4	479.6	423.6	380.0	355.0	323.9	286.5	242.9
22.5°	816.0	753.7	691.4	616.6	529.4	454.7	411.1	380.0	348.8	305.2	267.8
20°	934.3	853.3	778.6	685.2	585.5	510.8	454.7	411.1	373.7	330.1	286.5
17.5°	1090.0	971.7	872.0	766.1	666.5	573.0	492.1	442.2	404.9	355.0	305.2
15°	1289.3	1083.8	959.2	853.3	735.0	629.1	541.9	473.4	423.6	373.7	330.1
12.5°	1438.8	1171.0	1034.0	934.3	809.7	691.4	579.3	498.3	442.2	392.4	342.6
10°	1607.0	1264.4	1096.3	984.1	853.3	722.5	604.2	517.0	454.7	411.1	361.3
7.5°	1744.0	1339.2	1127.4	1002.8	878.2	747.4	629.1	535.7	473.4	423.6	373.7
5°	1868.6	1401.5	1152.3	1009.1	890.7	766.1	641.6	548.1	485.8	436.0	386.2
2.5°	1955.8	1457.5	1177.2	1021.5	903.2	778.6	660.2	560.6	498.3	448.5	398.6
0°	2030.6	1476.2	1171.0	1021.5	909.4	778.6	666.5	566.8	504.5	454.7	404.9
-2.5°	2055.5	1507.4	1202.1	1034.0	921.9	791.0	678.9	573.0	510.8	460.9	417.3
-5°	2055.5	1482.4	1202.1	1046.4	928.1	797.3	678.9	579.3	517.0	467.2	417.3
-7.5°	1980.7	1445.1	1195.9	1058.9	934.3	803.5	678.9	585.5	523.2	473.4	423.6
-10°	1849.9	1389.0	1189.7	1065.1	934.3	797.3	678.9	585.5	523.2	473.4	429.8
-12.5°	1638.2	1314.3	1158.5	1052.7	921.9	784.8	672.7	585.5	523.2	479.6	429.8
-15°	1532.3	1252.0	1121.2	1015.3	890.7	766.1	660.2	579.3	523.2	479.6	436.0
-17.5°	1389.0	1202.1	1083.8	977.9	865.8	747.4	647.8	579.3	523.2	473.4	436.0
-20°	1289.3	1146.1	1040.2	946.8	834.6	728.8	641.6	573.0	523.2	473.4	436.0



REPORT NUMBER: P724240

CATALOG NUMBER: IFLD-L-SA8C-827-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°	1202.1	1083.8	990.4	896.9	797.3	703.8	629.1	566.8	517.0	473.4	436.0
-25°	1133.6	1027.7	940.5	853.3	766.1	685.2	616.6	560.6	510.8	473.4	429.8
-27.5°	1071.3	971.7	890.7	809.7	728.8	666.5	604.2	554.4	510.8	467.2	423.6
-30°	1002.8	921.9	840.9	766.1	710.1	647.8	591.7	541.9	504.5	460.9	417.3
-32.5°	934.3	859.6	791.0	735.0	685.2	635.3	585.5	535.7	492.1	448.5	404.9
-35°	872.0	803.5	753.7	703.8	666.5	622.9	573.0	523.2	485.8	442.2	404.9
-37.5°	809.7	759.9	716.3	678.9	641.6	604.2	554.4	510.8	473.4	429.8	386.2
-40°	759.9	722.5	691.4	660.2	622.9	579.3	541.9	498.3	460.9	417.3	367.5
-42.5°	728.8	697.6	666.5	635.3	604.2	566.8	529.4	485.8	448.5	404.9	355.0
-45°	697.6	672.7	647.8	622.9	591.7	554.4	510.8	467.2	429.8	386.2	348.8
-47.5°	678.9	654.0	629.1	610.4	585.5	535.7	498.3	454.7	411.1	373.7	330.1
-50°	660.2	635.3	616.6	591.7	560.6	517.0	479.6	436.0	398.6	355.0	317.7
-52.5°	641.6	616.6	591.7	566.8	535.7	498.3	460.9	423.6	380.0	336.4	299.0
-55°	622.9	598.0	573.0	548.1	517.0	485.8	448.5	398.6	355.0	311.4	274.1
-57.5°	604.2	585.5	554.4	523.2	492.1	460.9	417.3	373.7	330.1	286.5	255.4
-60°	579.3	554.4	529.4	492.1	460.9	423.6	386.2	348.8	305.2	267.8	236.7
-62.5°	541.9	517.0	492.1	454.7	423.6	392.4	361.3	317.7	286.5	249.1	218.0
-65°	498.3	473.4	448.5	417.3	386.2	355.0	330.1	292.7	261.6	230.5	205.5
-67.5°	448.5	423.6	404.9	373.7	348.8	317.7	292.7	261.6	230.5	205.5	180.6
-70°	386.2	367.5	348.8	323.9	299.0	274.1	249.1	224.2	199.3	180.6	155.7
-72.5°	330.1	311.4	292.7	274.1	255.4	230.5	211.8	193.1	174.4	155.7	143.3
-75°	267.8	255.4	242.9	230.5	211.8	193.1	180.6	161.9	149.5	137.0	130.8
-77.5°	224.2	211.8	199.3	186.9	174.4	161.9	149.5	137.0	130.8	124.6	118.3
-80°	180.6	174.4	168.2	155.7	149.5	137.0	130.8	118.3	118.3	118.3	118.3
-82.5°	143.3	137.0	130.8	124.6	118.3	112.1	112.1	105.9	112.1	112.1	105.9
-85°	99.7	93.4	87.2	87.2	81.0	81.0	74.7	74.7	74.7	68.5	68.5
-87.5°	43.6	43.6	43.6	43.6	37.4	37.4	37.4	37.4	37.4	31.1	31.1
-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: P724240  
 CATALOG NUMBER: IFLD-L-SA8C-827-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°	12.5	12.5	6.2	6.2	6.2	6.2	6.2	6.2	6.2	0.0	0.0
85°	24.9	24.9	18.7	18.7	18.7	12.5	12.5	6.2	6.2	6.2	6.2
82.5°	56.1	49.8	43.6	37.4	31.1	24.9	18.7	12.5	12.5	6.2	6.2
80°	68.5	68.5	68.5	62.3	49.8	37.4	24.9	18.7	12.5	6.2	6.2
77.5°	49.8	49.8	56.1	62.3	62.3	49.8	31.1	18.7	12.5	12.5	6.2
75°	37.4	37.4	37.4	43.6	49.8	49.8	37.4	24.9	12.5	12.5	6.2
72.5°	37.4	37.4	37.4	37.4	37.4	37.4	37.4	24.9	18.7	12.5	12.5
70°	31.1	31.1	31.1	31.1	31.1	31.1	31.1	24.9	18.7	12.5	12.5
67.5°	24.9	24.9	31.1	31.1	31.1	24.9	24.9	24.9	18.7	12.5	12.5
65°	18.7	24.9	24.9	31.1	24.9	24.9	24.9	18.7	18.7	12.5	12.5
62.5°	18.7	18.7	24.9	24.9	24.9	24.9	18.7	18.7	18.7	12.5	12.5
60°	18.7	18.7	18.7	24.9	18.7	18.7	18.7	18.7	18.7	12.5	12.5
57.5°	18.7	18.7	18.7	18.7	18.7	18.7	18.7	12.5	12.5	12.5	12.5
55°	18.7	18.7	18.7	18.7	18.7	18.7	12.5	12.5	12.5	12.5	12.5
52.5°	24.9	18.7	18.7	18.7	18.7	18.7	12.5	12.5	12.5	12.5	12.5
50°	31.1	18.7	18.7	18.7	18.7	12.5	12.5	12.5	12.5	12.5	12.5
47.5°	43.6	31.1	24.9	18.7	18.7	12.5	12.5	12.5	12.5	12.5	6.2
45°	62.3	43.6	31.1	24.9	18.7	12.5	12.5	12.5	12.5	12.5	6.2
42.5°	74.7	56.1	37.4	31.1	24.9	18.7	12.5	12.5	12.5	6.2	6.2
40°	93.4	74.7	49.8	37.4	24.9	18.7	12.5	12.5	12.5	6.2	6.2
37.5°	118.3	93.4	62.3	43.6	31.1	18.7	18.7	12.5	12.5	6.2	6.2
35°	137.0	105.9	81.0	49.8	37.4	24.9	18.7	12.5	12.5	6.2	6.2
32.5°	155.7	124.6	99.7	62.3	43.6	31.1	24.9	12.5	12.5	6.2	6.2
30°	174.4	143.3	112.1	81.0	56.1	37.4	24.9	12.5	12.5	6.2	6.2
27.5°	193.1	155.7	124.6	93.4	62.3	43.6	31.1	18.7	12.5	6.2	6.2
25°	211.8	174.4	137.0	105.9	68.5	49.8	31.1	18.7	12.5	12.5	6.2
22.5°	224.2	193.1	155.7	118.3	81.0	56.1	37.4	24.9	12.5	12.5	6.2
20°	242.9	211.8	168.2	130.8	93.4	62.3	37.4	24.9	12.5	12.5	6.2
17.5°	261.6	224.2	180.6	143.3	105.9	68.5	43.6	31.1	12.5	12.5	6.2
15°	280.3	236.7	193.1	149.5	112.1	74.7	43.6	31.1	12.5	12.5	6.2
12.5°	299.0	255.4	205.5	161.9	118.3	81.0	49.8	37.4	18.7	12.5	6.2
10°	311.4	267.8	218.0	168.2	124.6	93.4	56.1	37.4	18.7	12.5	6.2
7.5°	330.1	280.3	230.5	180.6	130.8	99.7	62.3	37.4	18.7	12.5	6.2
5°	336.4	292.7	236.7	193.1	137.0	105.9	68.5	43.6	18.7	12.5	6.2
2.5°	342.6	305.2	242.9	199.3	143.3	105.9	68.5	43.6	24.9	12.5	6.2
0°	348.8	311.4	249.1	205.5	149.5	112.1	74.7	43.6	24.9	12.5	6.2
-2.5°	355.0	317.7	261.6	211.8	155.7	118.3	81.0	43.6	24.9	12.5	6.2
-5°	361.3	317.7	274.1	218.0	161.9	118.3	81.0	49.8	31.1	12.5	6.2
-7.5°	367.5	323.9	280.3	224.2	168.2	118.3	87.2	49.8	31.1	18.7	6.2
-10°	373.7	330.1	286.5	230.5	168.2	124.6	87.2	49.8	31.1	18.7	6.2
-12.5°	380.0	336.4	286.5	230.5	174.4	124.6	87.2	56.1	31.1	18.7	6.2
-15°	386.2	336.4	286.5	230.5	174.4	130.8	93.4	56.1	31.1	18.7	12.5
-17.5°	386.2	336.4	286.5	236.7	174.4	130.8	93.4	56.1	31.1	18.7	12.5
-20°	386.2	336.4	286.5	236.7	174.4	130.8	93.4	56.1	31.1	18.7	12.5



REPORT NUMBER: P724240  
 CATALOG NUMBER: IFLD-L-SA8C-827-U-22-VI

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	380.0	330.1	286.5	230.5	174.4	130.8	93.4	56.1	37.4	18.7	12.5
-25°	380.0	330.1	286.5	230.5	174.4	130.8	87.2	56.1	37.4	18.7	12.5
-27.5°	373.7	330.1	280.3	224.2	168.2	124.6	87.2	56.1	37.4	18.7	12.5
-30°	367.5	323.9	274.1	218.0	168.2	124.6	87.2	56.1	37.4	18.7	12.5
-32.5°	361.3	311.4	267.8	211.8	161.9	118.3	87.2	56.1	37.4	18.7	12.5
-35°	348.8	305.2	255.4	205.5	155.7	118.3	81.0	56.1	37.4	24.9	12.5
-37.5°	336.4	292.7	249.1	199.3	149.5	112.1	81.0	56.1	37.4	24.9	12.5
-40°	323.9	286.5	236.7	186.9	143.3	105.9	81.0	56.1	37.4	24.9	18.7
-42.5°	311.4	274.1	230.5	180.6	143.3	105.9	74.7	56.1	37.4	24.9	18.7
-45°	305.2	267.8	218.0	174.4	137.0	105.9	74.7	49.8	37.4	24.9	18.7
-47.5°	292.7	249.1	205.5	168.2	130.8	99.7	68.5	49.8	37.4	24.9	18.7
-50°	274.1	236.7	199.3	161.9	124.6	93.4	68.5	49.8	37.4	24.9	18.7
-52.5°	255.4	218.0	186.9	149.5	118.3	93.4	68.5	49.8	37.4	24.9	18.7
-55°	236.7	205.5	174.4	143.3	112.1	87.2	62.3	49.8	37.4	24.9	18.7
-57.5°	224.2	193.1	161.9	130.8	105.9	81.0	62.3	43.6	31.1	24.9	18.7
-60°	211.8	180.6	149.5	124.6	99.7	81.0	62.3	43.6	31.1	24.9	12.5
-62.5°	193.1	168.2	137.0	118.3	93.4	74.7	56.1	43.6	31.1	24.9	12.5
-65°	174.4	149.5	124.6	105.9	87.2	68.5	56.1	43.6	31.1	24.9	12.5
-67.5°	155.7	137.0	118.3	99.7	81.0	68.5	56.1	43.6	31.1	18.7	12.5
-70°	143.3	124.6	105.9	93.4	81.0	62.3	56.1	43.6	31.1	18.7	12.5
-72.5°	124.6	112.1	99.7	87.2	74.7	68.5	56.1	43.6	24.9	18.7	12.5
-75°	118.3	105.9	93.4	87.2	81.0	68.5	56.1	37.4	24.9	18.7	12.5
-77.5°	118.3	105.9	99.7	93.4	81.0	68.5	49.8	31.1	18.7	18.7	12.5
-80°	118.3	112.1	105.9	87.2	74.7	56.1	37.4	31.1	18.7	12.5	6.2
-82.5°	105.9	87.2	74.7	62.3	56.1	43.6	31.1	24.9	12.5	12.5	6.2
-85°	68.5	56.1	49.8	43.6	37.4	31.1	18.7	12.5	12.5	6.2	6.2
-87.5°	31.1	31.1	24.9	18.7	18.7	12.5	12.5	6.2	6.2	6.2	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: P724240  
 CATALOG NUMBER: IFLD-L-SA8C-827-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°	6.2	0.0	0.0	0.0
77.5°	6.2	0.0	0.0	0.0
75°	6.2	6.2	0.0	0.0
72.5°	6.2	6.2	0.0	0.0
70°	6.2	6.2	0.0	0.0
67.5°	6.2	6.2	0.0	0.0
65°	6.2	6.2	0.0	0.0
62.5°	6.2	6.2	0.0	0.0
60°	6.2	6.2	0.0	0.0
57.5°	6.2	6.2	6.2	0.0
55°	6.2	6.2	6.2	0.0
52.5°	6.2	6.2	6.2	0.0
50°	6.2	6.2	6.2	0.0
47.5°	6.2	6.2	6.2	0.0
45°	6.2	6.2	6.2	0.0
42.5°	6.2	6.2	6.2	0.0
40°	6.2	6.2	6.2	0.0
37.5°	6.2	6.2	6.2	0.0
35°	6.2	6.2	6.2	0.0
32.5°	6.2	6.2	6.2	0.0
30°	6.2	6.2	6.2	0.0
27.5°	6.2	6.2	6.2	0.0
25°	6.2	6.2	6.2	0.0
22.5°	6.2	6.2	6.2	0.0
20°	6.2	6.2	6.2	0.0
17.5°	6.2	6.2	6.2	0.0
15°	6.2	6.2	6.2	0.0
12.5°	6.2	6.2	6.2	0.0
10°	6.2	6.2	6.2	0.0
7.5°	6.2	6.2	6.2	0.0
5°	6.2	6.2	6.2	0.0
2.5°	6.2	6.2	6.2	0.0
0°	6.2	6.2	6.2	0.0
-2.5°	6.2	6.2	6.2	0.0
-5°	6.2	6.2	6.2	0.0
-7.5°	6.2	6.2	6.2	0.0
-10°	6.2	6.2	6.2	0.0
-12.5°	6.2	6.2	6.2	0.0
-15°	6.2	6.2	6.2	0.0
-17.5°	6.2	6.2	6.2	0.0
-20°	6.2	6.2	6.2	0.0



REPORT NUMBER: P724240

CATALOG NUMBER: IFLD-L-SA8C-827-U-22-VI

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
-22.5°	6.2	6.2	6.2	0.0
-25°	6.2	6.2	6.2	0.0
-27.5°	6.2	6.2	6.2	0.0
-30°	6.2	6.2	6.2	0.0
-32.5°	6.2	6.2	6.2	0.0
-35°	6.2	6.2	6.2	0.0
-37.5°	6.2	6.2	6.2	0.0
-40°	6.2	6.2	6.2	0.0
-42.5°	6.2	6.2	6.2	0.0
-45°	6.2	6.2	6.2	0.0
-47.5°	6.2	6.2	6.2	0.0
-50°	6.2	6.2	6.2	0.0
-52.5°	6.2	6.2	6.2	0.0
-55°	6.2	6.2	6.2	0.0
-57.5°	6.2	6.2	6.2	0.0
-60°	6.2	6.2	0.0	0.0
-62.5°	6.2	6.2	0.0	0.0
-65°	6.2	6.2	0.0	0.0
-67.5°	6.2	6.2	0.0	0.0
-70°	6.2	6.2	0.0	0.0
-72.5°	6.2	6.2	0.0	0.0
-75°	6.2	6.2	0.0	0.0
-77.5°	6.2	0.0	0.0	0.0
-80°	6.2	0.0	0.0	0.0
-82.5°	6.2	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)