

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: P724174

Luminaire Tested: **IFLD-M-SA4E-750-U-22-VI**

Issue Date: 01/11/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P724174  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 01/11/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-M-SA4E-750-U-22-VI  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 2 distribution lens and Visor  
Light Source: (64) 5000K CCT, 70 CRI LEDs  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

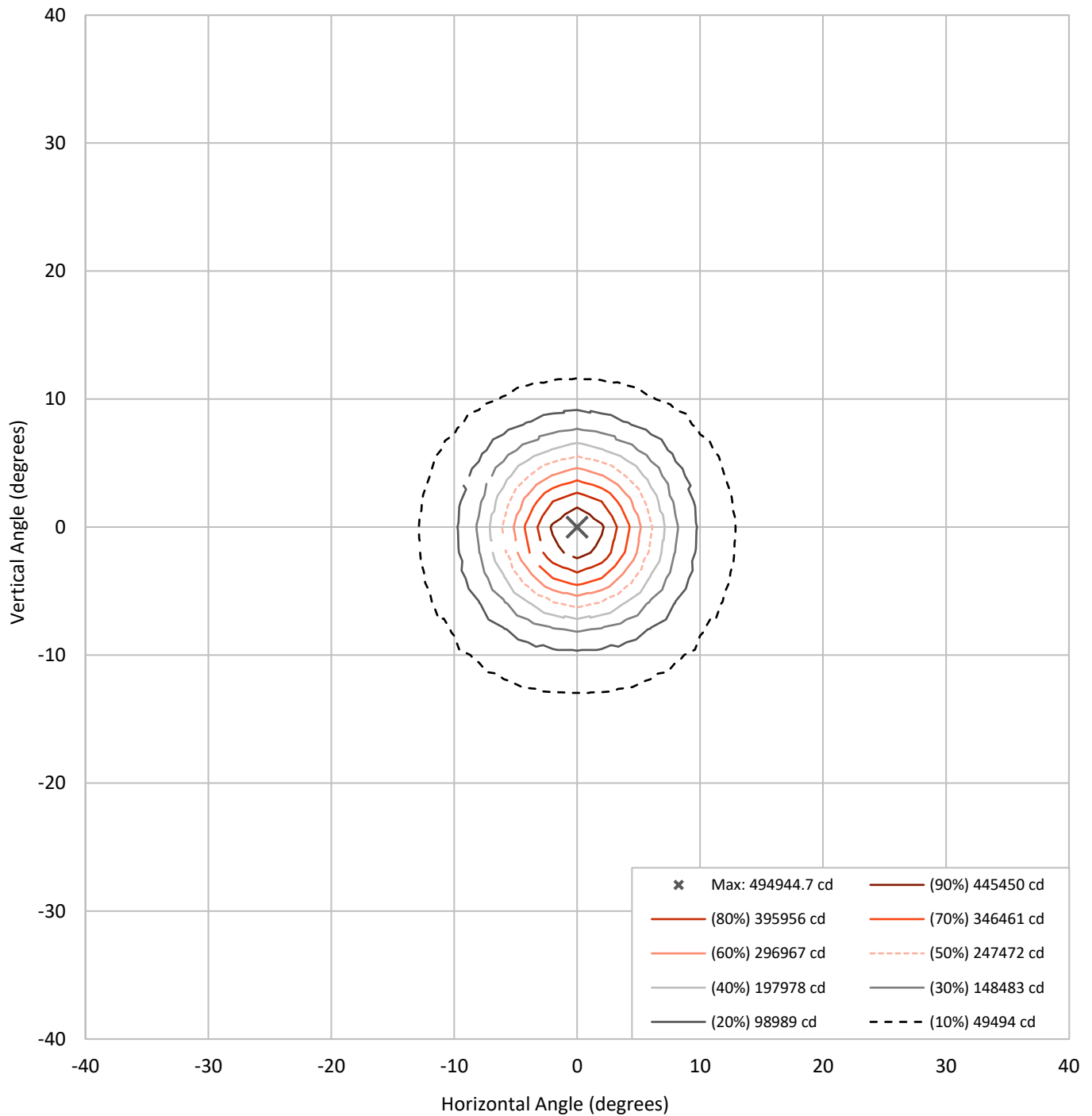
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	34572.1 lumens	Max Intensity:	494944.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	109.8 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 0.5' x H: 0')		
Beam Angle (50%):	12.2°H x 11.7°V	Field Angle (10%):	25.1°H x 24.3°V
Beam Lumens:	10815.8 lumens	Field Lumens:	24609.7 lumens
Beam Efficiency:	31.3%	Field Efficiency:	71.2%

Input Watts (W): 314.8  
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





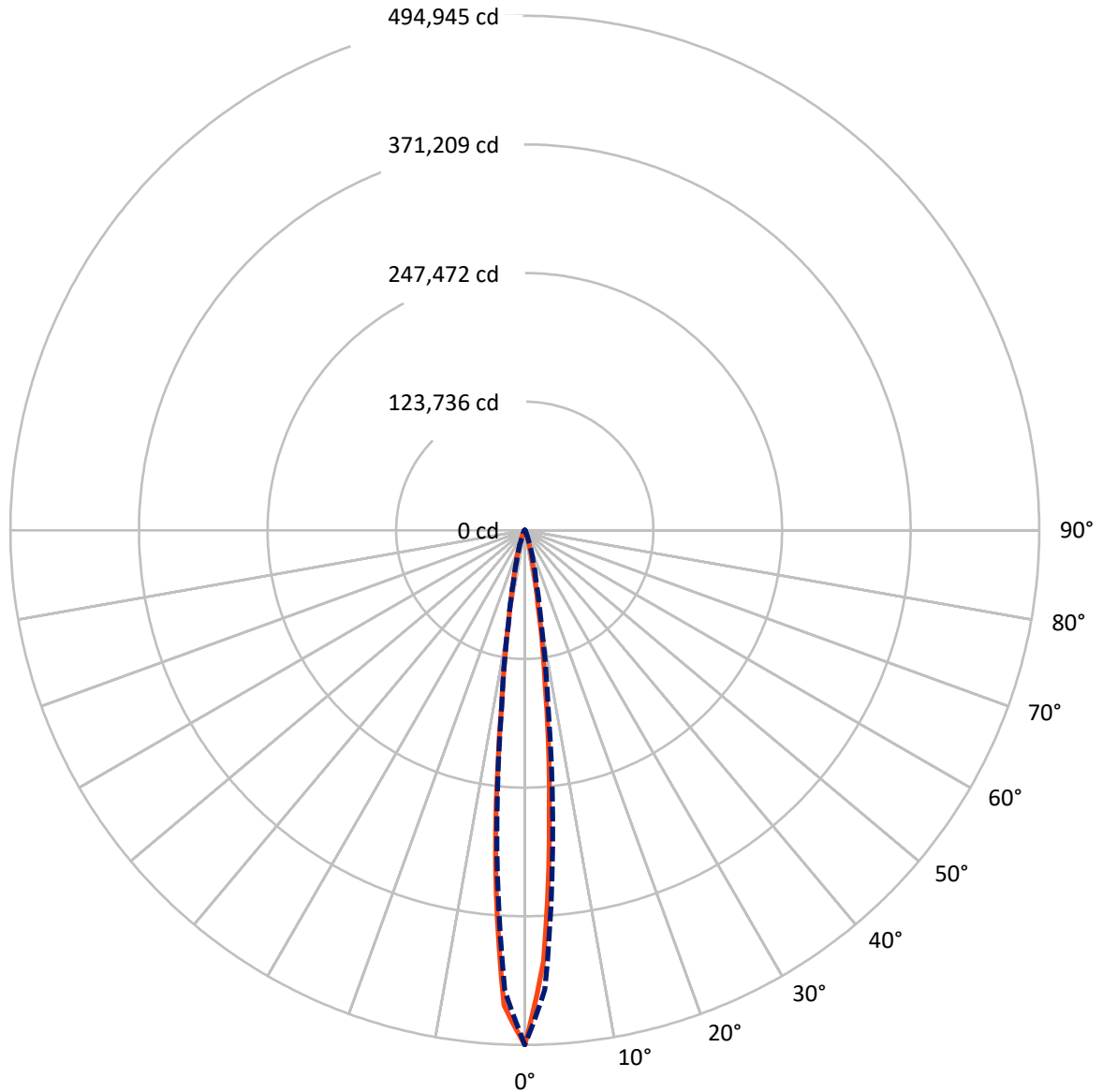
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### Lumen Table

90	0.2	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	0.3	0.3	0.2	0.2	0.1	0.1	0.2	0.2	0.3	0.3	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	2.8	4.9	7.0	9.2	10.8	10.8	9.2	7.0	4.9	2.8	1.1	0.3	0.2			
40		0.6	2.4	5.2	8.8	13.9	21.0	25.1	25.1	21.0	13.9	8.8	5.2	2.4	0.6				
30	0.3	1.0	3.7	7.6	13.9	23.9	46.1	74.4	74.4	46.1	23.9	13.9	7.6	3.7	1.0	0.3			
20		1.5	4.9	10.4	21.0	52.1	272.4	689.1	689.1	272.4	52.1	21.0	10.4	4.9	1.5				
10	0.6	1.9	5.9	12.2	25.7	105.9	877.2	5405.8	5405.8	877.2	105.9	25.7	12.2	5.9	1.9	0.6			
0		2.2	6.4	12.9	26.8	120.7	965.3	5953.3	5953.3	965.3	120.7	26.8	12.9	6.4	2.2				
-10	0.7	2.4	6.7	12.8	25.1	72.3	433.3	1044.1	1044.1	433.3	72.3	25.1	12.8	6.7	2.4	0.7			
-20		2.4	6.6	12.2	21.3	36.9	89.5	168.2	168.2	89.5	36.9	21.3	12.2	6.6	2.4				
-30	0.7	2.1	6.1	11.3	17.7	26.1	37.0	43.4	43.4	37.0	26.1	17.7	11.3	6.1	2.1	0.7			
-40		1.8	5.3	10.1	15.4	20.3	25.7	28.5	28.5	25.7	20.3	15.4	10.1	5.3	1.8				
-50	0.6	1.5	4.2	8.5	13.5	17.8	21.8	23.8	23.8	21.8	17.8	13.5	8.5	4.2	1.5	0.6			
-60		1.2	3.1	6.3	10.3	14.2	17.9	19.8	19.8	17.9	14.2	10.3	6.3	3.1	1.2				
-70	0.3	4.7		12.9		23.9		28.8		23.9		12.9		4.7		0.3			
-80		4.7		12.9		23.9		28.8		23.9		12.9		4.7					
-90	0.3	4.7		12.9		23.9		28.8		23.9		12.9		4.7		0.3			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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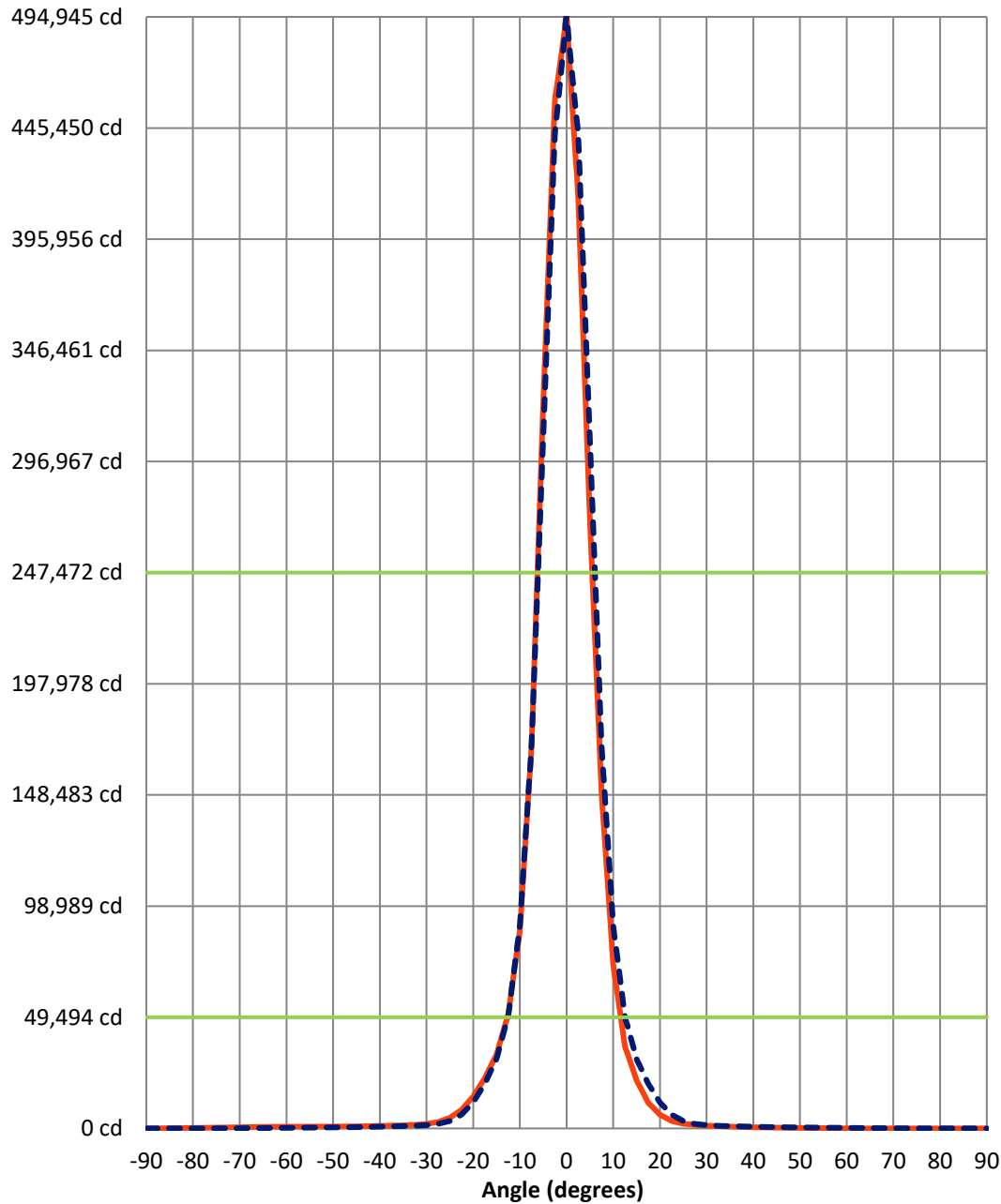
### Luminous Intensity Polar Plot



— 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: 10815.8  
Efficiency: 31.3%

**Field:**  
H Angle: 25.1°  
V Angle: 24.3°  
Lumens: 24609.7  
Efficiency: 71.2%

**Spill:**  
Lumens: 9962.4  
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	12.4	12.4
82.5°	0.0	0.0	0.0	0.0	6.2	6.2	6.2	6.2	12.4	12.4	12.4
80°	0.0	0.0	0.0	0.0	6.2	6.2	6.2	6.2	12.4	12.4	12.4
77.5°	0.0	0.0	0.0	0.0	6.2	6.2	6.2	6.2	6.2	6.2	12.4
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°	12.4	12.4	12.4	12.4	18.6	18.6	24.8	24.8	24.8	12.4	24.8
57.5°	99.1	99.1	92.9	86.7	80.5	74.3	74.3	74.3	74.3	74.3	61.9
55°	136.3	136.3	136.3	130.1	130.1	123.9	117.7	111.5	111.5	105.3	99.1
52.5°	161.0	161.0	161.0	161.0	154.8	154.8	154.8	148.6	136.3	136.3	130.1
50°	229.2	223.0	223.0	223.0	223.0	210.6	204.4	192.0	185.8	179.6	173.4
47.5°	297.3	297.3	291.1	291.1	284.9	272.5	260.1	247.7	235.4	229.2	216.8
45°	353.0	353.0	346.8	346.8	340.7	328.3	309.7	291.1	278.7	266.3	253.9
42.5°	433.6	427.4	421.2	415.0	402.6	384.0	359.2	334.5	315.9	297.3	284.9
40°	520.3	520.3	514.1	507.9	489.3	470.7	439.8	408.8	377.8	340.7	322.1
37.5°	625.6	631.8	638.0	638.0	625.6	600.8	557.4	520.3	470.7	421.2	396.4
35°	817.6	817.6	830.0	830.0	811.4	780.4	749.4	668.9	607.0	545.0	489.3
32.5°	1028.2	1034.3	1009.6	991.0	966.2	929.1	873.3	805.2	737.1	656.5	594.6
30°	1232.5	1232.5	1201.6	1164.4	1114.9	1052.9	984.8	910.5	830.0	749.4	675.1
27.5°	1554.6	1523.6	1498.9	1436.9	1350.2	1232.5	1145.8	1028.2	922.9	830.0	749.4
25°	2087.3	2081.1	2025.3	1920.0	1746.6	1560.8	1418.4	1220.2	1059.1	916.7	823.8
22.5°	3319.8	3276.5	3146.4	2886.3	2477.5	2155.4	1864.3	1554.6	1263.5	1071.5	922.9
20°	6138.0	5995.5	5648.7	4930.2	4013.5	3381.8	2657.1	2136.8	1647.5	1288.3	1065.3
17.5°	11452.1	11359.2	11229.2	9569.3	7705.0	6367.1	4738.2	3276.5	2341.2	1684.7	1263.5
15°	21467.4	20779.9	19342.9	17354.7	14747.2	11396.4	8380.1	5289.4	3344.6	2242.1	1604.2
12.5°	36697.7	35935.8	32225.8	27252.3	22563.6	17794.5	12492.7	8039.4	4763.0	2849.1	1901.5
10°	73122.8	67591.8	57205.0	42693.2	33322.1	24849.1	17540.6	10969.0	6199.9	3598.5	2254.5
7.5°	149769.8	131696.6	101483.8	71642.5	46372.2	32591.2	22402.6	14344.6	8262.4	4502.8	2576.6
5°	271451.2	239386.5	180348.1	108594.1	67337.9	40847.4	26583.4	17057.4	9779.9	5239.9	2898.7
2.5°	414488.5	373009.3	260736.1	149323.9	83032.7	47239.3	29506.8	18841.2	10746.1	5741.6	3146.4
0°	494944.7	442112.4	307058.8	170958.5	90508.5	49952.2	30937.5	19912.7	11563.6	6150.3	3307.4
-2.5°	457206.4	414674.3	282191.1	158806.4	86488.8	48763.0	31141.9	20179.1	11699.9	6261.8	3381.8
-5°	322239.6	287331.9	195256.4	117191.0	73382.9	44916.7	29382.9	19175.7	11322.1	6100.8	3350.8
-7.5°	170481.6	154687.6	115797.4	84209.5	53563.1	38016.9	26453.3	17398.1	10343.5	5667.2	3165.0
-10°	88080.6	84841.3	73110.4	55111.5	43343.5	31848.0	22576.0	14877.3	8646.4	4880.6	2849.1
-12.5°	50782.1	50230.9	46458.9	39881.2	33235.4	26162.2	18525.4	12133.5	7215.7	4044.5	2403.2
-15°	32882.3	33117.7	31804.6	29067.0	25282.7	19578.3	14233.1	9024.2	5339.0	3276.5	2118.2
-17.5°	22439.8	22377.8	21764.7	19888.0	16840.7	13223.5	9433.0	6373.3	4044.5	2551.8	1759.0
-20°	14196.0	14220.7	13650.9	12356.4	10114.3	8150.9	5871.6	4298.4	2867.7	2006.8	1554.6



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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°	8237.6	8256.2	7897.0	7166.1	5989.3	4831.1	3815.3	2842.9	2112.1	1672.3	1362.6
-25°	4732.0	4657.7	4515.2	4162.2	3610.9	2979.2	2533.2	2000.6	1690.9	1418.4	1244.9
-27.5°	2867.7	2818.1	2743.8	2589.0	2372.2	2056.3	1851.9	1616.6	1436.9	1275.9	1170.6
-30°	2000.6	2019.1	1957.2	1876.7	1777.6	1635.1	1523.6	1412.2	1294.5	1195.4	1096.3
-32.5°	1591.8	1604.2	1573.2	1542.2	1492.7	1436.9	1368.8	1288.3	1195.4	1102.5	1009.6
-35°	1368.8	1375.0	1375.0	1368.8	1356.4	1313.1	1263.5	1189.2	1102.5	1015.8	935.2
-37.5°	1257.3	1263.5	1263.5	1257.3	1238.7	1201.6	1152.0	1090.1	1009.6	929.1	867.1
-40°	1139.6	1145.8	1139.6	1127.3	1108.7	1071.5	1034.3	984.8	922.9	854.7	799.0
-42.5°	1028.2	1022.0	1015.8	1003.4	984.8	960.0	929.1	891.9	848.5	799.0	755.6
-45°	922.9	922.9	916.7	910.5	898.1	879.5	860.9	830.0	799.0	761.8	724.7
-47.5°	867.1	867.1	860.9	854.7	848.5	836.1	817.6	792.8	768.0	737.1	706.1
-50°	830.0	830.0	830.0	823.8	817.6	805.2	786.6	768.0	743.2	712.3	681.3
-52.5°	805.2	805.2	805.2	799.0	792.8	786.6	768.0	743.2	712.3	687.5	662.7
-55°	792.8	786.6	786.6	780.4	774.2	768.0	743.2	718.5	693.7	668.9	644.1
-57.5°	774.2	768.0	768.0	761.8	755.6	749.4	724.7	699.9	675.1	644.1	625.6
-60°	755.6	749.4	749.4	737.1	730.9	724.7	699.9	675.1	650.3	625.6	600.8
-62.5°	730.9	724.7	718.5	712.3	699.9	687.5	668.9	644.1	613.2	588.4	563.6
-65°	675.1	668.9	662.7	656.5	650.3	644.1	625.6	594.6	569.8	545.0	520.3
-67.5°	607.0	607.0	607.0	594.6	588.4	576.0	563.6	538.9	514.1	489.3	470.7
-70°	526.5	526.5	526.5	514.1	507.9	501.7	483.1	464.5	445.9	427.4	402.6
-72.5°	445.9	439.8	439.8	433.6	421.2	415.0	402.6	390.2	371.6	359.2	340.7
-75°	365.4	359.2	359.2	353.0	346.8	340.7	328.3	322.1	309.7	297.3	278.7
-77.5°	291.1	291.1	291.1	284.9	278.7	272.5	266.3	260.1	253.9	241.6	229.2
-80°	223.0	223.0	223.0	223.0	223.0	223.0	223.0	216.8	204.4	198.2	192.0
-82.5°	161.0	167.2	167.2	167.2	167.2	167.2	167.2	167.2	161.0	154.8	148.6
-85°	105.3	111.5	111.5	117.7	123.9	123.9	130.1	123.9	117.7	105.3	99.1
-87.5°	55.7	55.7	55.7	55.7	55.7	55.7	55.7	49.5	49.5	49.5	43.4
-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°	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	12.4	12.4	12.4
85°	12.4	12.4	12.4	12.4	18.6	18.6	18.6	24.8	24.8	24.8	24.8
82.5°	12.4	18.6	18.6	18.6	24.8	24.8	31.0	37.2	49.5	55.7	55.7
80°	12.4	18.6	18.6	18.6	24.8	24.8	31.0	31.0	37.2	43.4	55.7
77.5°	12.4	12.4	18.6	18.6	18.6	24.8	24.8	31.0	31.0	37.2	43.4
75°	6.2	12.4	12.4	12.4	18.6	18.6	24.8	24.8	31.0	31.0	37.2
72.5°	6.2	12.4	12.4	12.4	18.6	18.6	24.8	24.8	24.8	31.0	31.0
70°	6.2	12.4	12.4	12.4	12.4	18.6	18.6	18.6	24.8	24.8	24.8
67.5°	6.2	6.2	6.2	12.4	12.4	12.4	12.4	18.6	18.6	18.6	24.8
65°	6.2	6.2	6.2	6.2	12.4	12.4	12.4	12.4	18.6	18.6	18.6
62.5°	6.2	6.2	6.2	12.4	12.4	12.4	12.4	12.4	18.6	18.6	18.6
60°	24.8	24.8	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6
57.5°	55.7	55.7	49.5	43.4	37.2	37.2	31.0	24.8	24.8	18.6	18.6
55°	92.9	86.7	80.5	68.1	61.9	55.7	49.5	37.2	31.0	24.8	18.6
52.5°	117.7	111.5	105.3	99.1	86.7	74.3	68.1	61.9	49.5	37.2	31.0
50°	173.4	154.8	142.5	130.1	117.7	105.3	92.9	86.7	68.1	55.7	43.4
47.5°	210.6	198.2	179.6	167.2	154.8	136.3	117.7	105.3	92.9	74.3	55.7
45°	241.6	229.2	210.6	198.2	185.8	167.2	148.6	130.1	117.7	99.1	74.3
42.5°	272.5	260.1	241.6	229.2	210.6	192.0	173.4	154.8	136.3	123.9	99.1
40°	315.9	297.3	272.5	260.1	247.7	223.0	198.2	179.6	161.0	142.5	117.7
37.5°	371.6	353.0	322.1	297.3	278.7	260.1	235.4	210.6	192.0	167.2	142.5
35°	458.3	427.4	384.0	346.8	322.1	297.3	266.3	241.6	216.8	192.0	167.2
32.5°	545.0	495.5	439.8	396.4	359.2	328.3	297.3	272.5	241.6	210.6	185.8
30°	613.2	557.4	501.7	439.8	396.4	359.2	328.3	297.3	266.3	235.4	204.4
27.5°	681.3	619.4	557.4	495.5	433.6	384.0	353.0	322.1	291.1	260.1	223.0
25°	749.4	681.3	619.4	551.2	476.9	421.2	377.8	353.0	322.1	284.9	241.6
22.5°	811.4	749.4	687.5	613.2	526.5	452.1	408.8	377.8	346.8	303.5	266.3
20°	929.1	848.5	774.2	681.3	582.2	507.9	452.1	408.8	371.6	328.3	284.9
17.5°	1083.9	966.2	867.1	761.8	662.7	569.8	489.3	439.8	402.6	353.0	303.5
15°	1282.1	1077.7	953.8	848.5	730.9	625.6	538.9	470.7	421.2	371.6	328.3
12.5°	1430.7	1164.4	1028.2	929.1	805.2	687.5	576.0	495.5	439.8	390.2	340.7
10°	1598.0	1257.3	1090.1	978.6	848.5	718.5	600.8	514.1	452.1	408.8	359.2
7.5°	1734.2	1331.6	1121.1	997.2	873.3	743.2	625.6	532.7	470.7	421.2	371.6
5°	1858.1	1393.6	1145.8	1003.4	885.7	761.8	638.0	545.0	483.1	433.6	384.0
2.5°	1944.8	1449.3	1170.6	1015.8	898.1	774.2	656.5	557.4	495.5	445.9	396.4
0°	2019.1	1467.9	1164.4	1015.8	904.3	774.2	662.7	563.6	501.7	452.1	402.6
-2.5°	2043.9	1498.9	1195.4	1028.2	916.7	786.6	675.1	569.8	507.9	458.3	415.0
-5°	2043.9	1474.1	1195.4	1040.5	922.9	792.8	675.1	576.0	514.1	464.5	415.0
-7.5°	1969.6	1436.9	1189.2	1052.9	929.1	799.0	675.1	582.2	520.3	470.7	421.2
-10°	1839.5	1381.2	1183.0	1059.1	929.1	792.8	675.1	582.2	520.3	470.7	427.4
-12.5°	1628.9	1306.9	1152.0	1046.7	916.7	780.4	668.9	582.2	520.3	476.9	427.4
-15°	1523.6	1244.9	1114.9	1009.6	885.7	761.8	656.5	576.0	520.3	476.9	433.6
-17.5°	1381.2	1195.4	1077.7	972.4	860.9	743.2	644.1	576.0	520.3	470.7	433.6
-20°	1282.1	1139.6	1034.3	941.4	830.0	724.7	638.0	569.8	520.3	470.7	433.6



REPORT NUMBER: P724174

CATALOG NUMBER: IFLD-M-SA4E-750-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°	1195.4	1077.7	984.8	891.9	792.8	699.9	625.6	563.6	514.1	470.7	433.6
-25°	1127.3	1022.0	935.2	848.5	761.8	681.3	613.2	557.4	507.9	470.7	427.4
-27.5°	1065.3	966.2	885.7	805.2	724.7	662.7	600.8	551.2	507.9	464.5	421.2
-30°	997.2	916.7	836.1	761.8	706.1	644.1	588.4	538.9	501.7	458.3	415.0
-32.5°	929.1	854.7	786.6	730.9	681.3	631.8	582.2	532.7	489.3	445.9	402.6
-35°	867.1	799.0	749.4	699.9	662.7	619.4	569.8	520.3	483.1	439.8	402.6
-37.5°	805.2	755.6	712.3	675.1	638.0	600.8	551.2	507.9	470.7	427.4	384.0
-40°	755.6	718.5	687.5	656.5	619.4	576.0	538.9	495.5	458.3	415.0	365.4
-42.5°	724.7	693.7	662.7	631.8	600.8	563.6	526.5	483.1	445.9	402.6	353.0
-45°	693.7	668.9	644.1	619.4	588.4	551.2	507.9	464.5	427.4	384.0	346.8
-47.5°	675.1	650.3	625.6	607.0	582.2	532.7	495.5	452.1	408.8	371.6	328.3
-50°	656.5	631.8	613.2	588.4	557.4	514.1	476.9	433.6	396.4	353.0	315.9
-52.5°	638.0	613.2	588.4	563.6	532.7	495.5	458.3	421.2	377.8	334.5	297.3
-55°	619.4	594.6	569.8	545.0	514.1	483.1	445.9	396.4	353.0	309.7	272.5
-57.5°	600.8	582.2	551.2	520.3	489.3	458.3	415.0	371.6	328.3	284.9	253.9
-60°	576.0	551.2	526.5	489.3	458.3	421.2	384.0	346.8	303.5	266.3	235.4
-62.5°	538.9	514.1	489.3	452.1	421.2	390.2	359.2	315.9	284.9	247.7	216.8
-65°	495.5	470.7	445.9	415.0	384.0	353.0	328.3	291.1	260.1	229.2	204.4
-67.5°	445.9	421.2	402.6	371.6	346.8	315.9	291.1	260.1	229.2	204.4	179.6
-70°	384.0	365.4	346.8	322.1	297.3	272.5	247.7	223.0	198.2	179.6	154.8
-72.5°	328.3	309.7	291.1	272.5	253.9	229.2	210.6	192.0	173.4	154.8	142.5
-75°	266.3	253.9	241.6	229.2	210.6	192.0	179.6	161.0	148.6	136.3	130.1
-77.5°	223.0	210.6	198.2	185.8	173.4	161.0	148.6	136.3	130.1	123.9	117.7
-80°	179.6	173.4	167.2	154.8	148.6	136.3	130.1	117.7	117.7	117.7	117.7
-82.5°	142.5	136.3	130.1	123.9	117.7	111.5	111.5	105.3	111.5	111.5	105.3
-85°	99.1	92.9	86.7	86.7	80.5	80.5	74.3	74.3	74.3	68.1	68.1
-87.5°	43.4	43.4	43.4	43.4	37.2	37.2	37.2	37.2	37.2	31.0	31.0
-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: P724174  
 CATALOG NUMBER: IFLD-M-SA4E-750-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°	12.4	12.4	6.2	6.2	6.2	6.2	6.2	6.2	6.2	0.0	0.0
85°	24.8	24.8	18.6	18.6	18.6	12.4	12.4	6.2	6.2	6.2	6.2
82.5°	55.7	49.5	43.4	37.2	31.0	24.8	18.6	12.4	12.4	6.2	6.2
80°	68.1	68.1	68.1	61.9	49.5	37.2	24.8	18.6	12.4	6.2	6.2
77.5°	49.5	49.5	55.7	61.9	61.9	49.5	31.0	18.6	12.4	12.4	6.2
75°	37.2	37.2	37.2	43.4	49.5	49.5	37.2	24.8	12.4	12.4	6.2
72.5°	37.2	37.2	37.2	37.2	37.2	37.2	37.2	24.8	18.6	12.4	12.4
70°	31.0	31.0	31.0	31.0	31.0	31.0	31.0	24.8	18.6	12.4	12.4
67.5°	24.8	24.8	31.0	31.0	31.0	24.8	24.8	24.8	18.6	12.4	12.4
65°	18.6	24.8	24.8	31.0	24.8	24.8	24.8	18.6	18.6	12.4	12.4
62.5°	18.6	18.6	24.8	24.8	24.8	24.8	18.6	18.6	18.6	12.4	12.4
60°	18.6	18.6	18.6	24.8	18.6	18.6	18.6	18.6	18.6	12.4	12.4
57.5°	18.6	18.6	18.6	18.6	18.6	18.6	18.6	12.4	12.4	12.4	12.4
55°	18.6	18.6	18.6	18.6	18.6	18.6	12.4	12.4	12.4	12.4	12.4
52.5°	24.8	18.6	18.6	18.6	18.6	18.6	12.4	12.4	12.4	12.4	12.4
50°	31.0	18.6	18.6	18.6	18.6	12.4	12.4	12.4	12.4	12.4	12.4
47.5°	43.4	31.0	24.8	18.6	18.6	12.4	12.4	12.4	12.4	12.4	6.2
45°	61.9	43.4	31.0	24.8	18.6	12.4	12.4	12.4	12.4	12.4	6.2
42.5°	74.3	55.7	37.2	31.0	24.8	18.6	12.4	12.4	12.4	6.2	6.2
40°	92.9	74.3	49.5	37.2	24.8	18.6	12.4	12.4	12.4	6.2	6.2
37.5°	117.7	92.9	61.9	43.4	31.0	18.6	18.6	12.4	12.4	6.2	6.2
35°	136.3	105.3	80.5	49.5	37.2	24.8	18.6	12.4	12.4	6.2	6.2
32.5°	154.8	123.9	99.1	61.9	43.4	31.0	24.8	12.4	12.4	6.2	6.2
30°	173.4	142.5	111.5	80.5	55.7	37.2	24.8	12.4	12.4	6.2	6.2
27.5°	192.0	154.8	123.9	92.9	61.9	43.4	31.0	18.6	12.4	6.2	6.2
25°	210.6	173.4	136.3	105.3	68.1	49.5	31.0	18.6	12.4	12.4	6.2
22.5°	223.0	192.0	154.8	117.7	80.5	55.7	37.2	24.8	12.4	12.4	6.2
20°	241.6	210.6	167.2	130.1	92.9	61.9	37.2	24.8	12.4	12.4	6.2
17.5°	260.1	223.0	179.6	142.5	105.3	68.1	43.4	31.0	12.4	12.4	6.2
15°	278.7	235.4	192.0	148.6	111.5	74.3	43.4	31.0	12.4	12.4	6.2
12.5°	297.3	253.9	204.4	161.0	117.7	80.5	49.5	37.2	18.6	12.4	6.2
10°	309.7	266.3	216.8	167.2	123.9	92.9	55.7	37.2	18.6	12.4	6.2
7.5°	328.3	278.7	229.2	179.6	130.1	99.1	61.9	37.2	18.6	12.4	6.2
5°	334.5	291.1	235.4	192.0	136.3	105.3	68.1	43.4	18.6	12.4	6.2
2.5°	340.7	303.5	241.6	198.2	142.5	105.3	68.1	43.4	24.8	12.4	6.2
0°	346.8	309.7	247.7	204.4	148.6	111.5	74.3	43.4	24.8	12.4	6.2
-2.5°	353.0	315.9	260.1	210.6	154.8	117.7	80.5	43.4	24.8	12.4	6.2
-5°	359.2	315.9	272.5	216.8	161.0	117.7	80.5	49.5	31.0	12.4	6.2
-7.5°	365.4	322.1	278.7	223.0	167.2	117.7	86.7	49.5	31.0	18.6	6.2
-10°	371.6	328.3	284.9	229.2	167.2	123.9	86.7	49.5	31.0	18.6	6.2
-12.5°	377.8	334.5	284.9	229.2	173.4	123.9	86.7	55.7	31.0	18.6	6.2
-15°	384.0	334.5	284.9	229.2	173.4	130.1	92.9	55.7	31.0	18.6	12.4
-17.5°	384.0	334.5	284.9	235.4	173.4	130.1	92.9	55.7	31.0	18.6	12.4
-20°	384.0	334.5	284.9	235.4	173.4	130.1	92.9	55.7	31.0	18.6	12.4



REPORT NUMBER: P724174  
 CATALOG NUMBER: IFLD-M-SA4E-750-U-22-VI

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	377.8	328.3	284.9	229.2	173.4	130.1	92.9	55.7	37.2	18.6	12.4
-25°	377.8	328.3	284.9	229.2	173.4	130.1	86.7	55.7	37.2	18.6	12.4
-27.5°	371.6	328.3	278.7	223.0	167.2	123.9	86.7	55.7	37.2	18.6	12.4
-30°	365.4	322.1	272.5	216.8	167.2	123.9	86.7	55.7	37.2	18.6	12.4
-32.5°	359.2	309.7	266.3	210.6	161.0	117.7	86.7	55.7	37.2	18.6	12.4
-35°	346.8	303.5	253.9	204.4	154.8	117.7	80.5	55.7	37.2	24.8	12.4
-37.5°	334.5	291.1	247.7	198.2	148.6	111.5	80.5	55.7	37.2	24.8	12.4
-40°	322.1	284.9	235.4	185.8	142.5	105.3	80.5	55.7	37.2	24.8	18.6
-42.5°	309.7	272.5	229.2	179.6	142.5	105.3	74.3	55.7	37.2	24.8	18.6
-45°	303.5	266.3	216.8	173.4	136.3	105.3	74.3	49.5	37.2	24.8	18.6
-47.5°	291.1	247.7	204.4	167.2	130.1	99.1	68.1	49.5	37.2	24.8	18.6
-50°	272.5	235.4	198.2	161.0	123.9	92.9	68.1	49.5	37.2	24.8	18.6
-52.5°	253.9	216.8	185.8	148.6	117.7	92.9	68.1	49.5	37.2	24.8	18.6
-55°	235.4	204.4	173.4	142.5	111.5	86.7	61.9	49.5	37.2	24.8	18.6
-57.5°	223.0	192.0	161.0	130.1	105.3	80.5	61.9	43.4	31.0	24.8	18.6
-60°	210.6	179.6	148.6	123.9	99.1	80.5	61.9	43.4	31.0	24.8	12.4
-62.5°	192.0	167.2	136.3	117.7	92.9	74.3	55.7	43.4	31.0	24.8	12.4
-65°	173.4	148.6	123.9	105.3	86.7	68.1	55.7	43.4	31.0	24.8	12.4
-67.5°	154.8	136.3	117.7	99.1	80.5	68.1	55.7	43.4	31.0	18.6	12.4
-70°	142.5	123.9	105.3	92.9	80.5	61.9	55.7	43.4	31.0	18.6	12.4
-72.5°	123.9	111.5	99.1	86.7	74.3	68.1	55.7	43.4	24.8	18.6	12.4
-75°	117.7	105.3	92.9	86.7	80.5	68.1	55.7	37.2	24.8	18.6	12.4
-77.5°	117.7	105.3	99.1	92.9	80.5	68.1	49.5	31.0	18.6	18.6	12.4
-80°	117.7	111.5	105.3	86.7	74.3	55.7	37.2	31.0	18.6	12.4	6.2
-82.5°	105.3	86.7	74.3	61.9	55.7	43.4	31.0	24.8	12.4	12.4	6.2
-85°	68.1	55.7	49.5	43.4	37.2	31.0	18.6	12.4	12.4	6.2	6.2
-87.5°	31.0	31.0	24.8	18.6	18.6	12.4	12.4	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: P724174  
 CATALOG NUMBER: IFLD-M-SA4E-750-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: P724174

CATALOG NUMBER: IFLD-M-SA4E-750-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)