

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: P724148

Luminaire Tested: **IFLD-L-SA7C-740-U-22-VI**

Issue Date: 01/11/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P724148  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 01/11/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-L-SA7C-740-U-22-VI  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 2 distribution lens and Visor  
Light Source: (112) 4000K CCT, 70 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

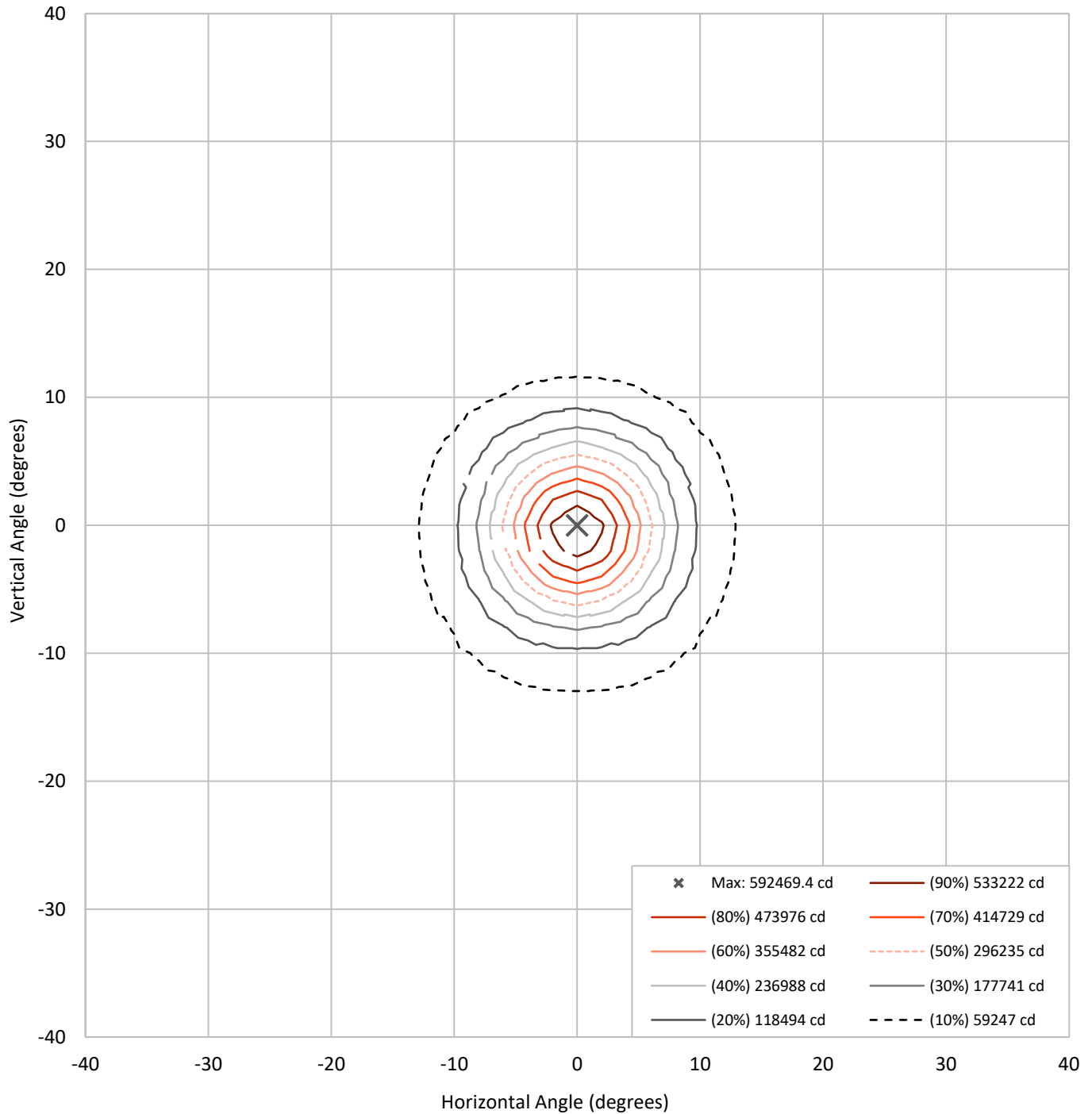
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	41384.2 lumens	Max Intensity:	592469.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	112.2 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	12.2°H x 11.7°V	Field Angle (10%):	25.1°H x 24.3°V
Beam Lumens:	12946.9 lumens	Field Lumens:	29458.8 lumens
Beam Efficiency:	31.3%	Field Efficiency:	71.2%

Input Watts (W): 369  
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





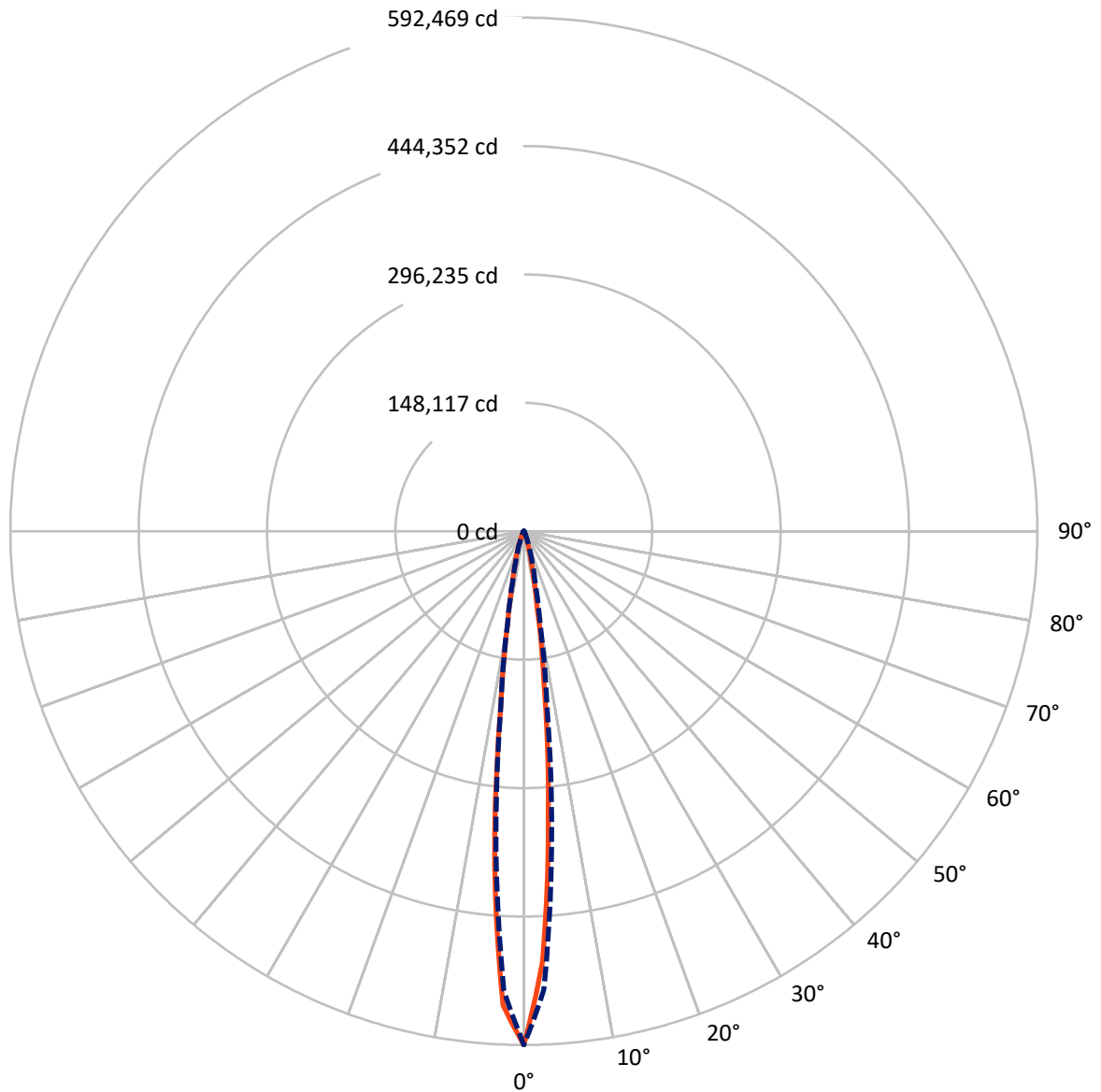
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### Lumen Table

90	0.3	2.5		2.1		0.9		0.1		0.9		2.1		2.5		0.3			
80	0.3	2.5		2.1		0.9		0.1		0.9		2.1		2.5		0.3			
70	0.3	0.4	0.5	0.4	0.3	0.3	0.3	0.1	0.1	0.3	0.3	0.3	0.4	0.5	0.4	0.3			
60		0.3	0.5	1.1	2.1	3.2	4.0	4.6	4.6	4.0	3.2	2.1	1.1	0.5	0.3				
50	0.3	0.3	1.3	3.4	5.9	8.3	11.0	13.0	13.0	11.0	8.3	5.9	3.4	1.3	0.3	0.3			
40		0.7	2.9	6.2	10.6	16.6	25.2	30.1	30.1	25.2	16.6	10.6	6.2	2.9	0.7				
30	0.4	1.2	4.4	9.1	16.6	28.6	55.2	89.1	89.1	55.2	28.6	16.6	9.1	4.4	1.2	0.4			
20		1.8	5.9	12.4	25.2	62.4	326.1	824.9	824.9	326.1	62.4	25.2	12.4	5.9	1.8				
10	0.7	2.3	7.1	14.6	30.7	126.8	1050.1	6471.0	6471.0	1050.1	126.8	30.7	14.6	7.1	2.3	0.7			
0		2.7	7.7	15.5	32.0	144.5	1155.5	7126.3	7126.3	1155.5	144.5	32.0	15.5	7.7	2.7				
-10	0.9	2.9	8.0	15.4	30.1	86.6	518.6	1249.8	1249.8	518.6	86.6	30.1	15.4	8.0	2.9	0.9			
-20		2.8	7.9	14.6	25.4	44.1	107.2	201.4	201.4	107.2	44.1	25.4	14.6	7.9	2.8				
-30	0.9	2.6	7.3	13.5	21.1	31.3	44.2	52.0	52.0	44.2	31.3	21.1	13.5	7.3	2.6	0.9			
-40		2.2	6.4	12.1	18.4	24.3	30.8	34.2	34.2	30.8	24.3	18.4	12.1	6.4	2.2				
-50	0.7	1.8	5.1	10.2	16.1	21.3	26.1	28.5	28.5	26.1	21.3	16.1	10.2	5.1	1.8	0.7			
-60		1.4	3.7	7.5	12.3	17.0	21.4	23.7	23.7	21.4	17.0	12.3	7.5	3.7	1.4				
-70	0.4	1.8	5.1	10.2	16.1	21.3	26.1	28.5	28.5	26.1	21.3	16.1	10.2	5.1	1.8	0.4			
-80		1.4	3.7	7.5	12.3	17.0	21.4	23.7	23.7	21.4	17.0	12.3	7.5	3.7	1.4				
-90	0.4	5.6		15.5		28.6		34.5		28.6		15.5		5.6		0.4			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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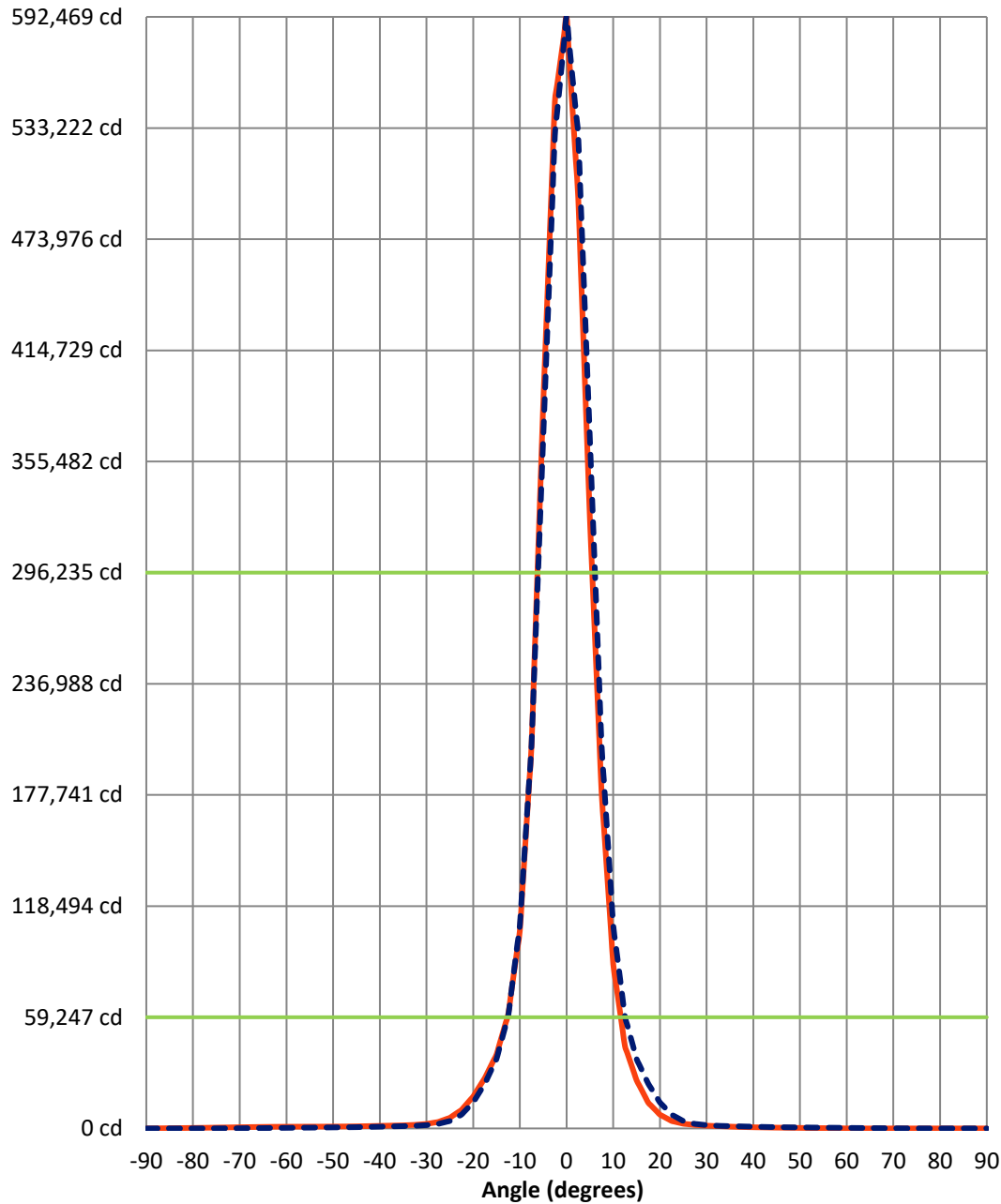
### Luminous Intensity Polar Plot



— 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: 12946.9  
 Efficiency: 31.3%

**Field:**  
 H Angle: 25.1°  
 V Angle: 24.3°  
 Lumens: 29458.8  
 Efficiency: 71.2%

**Spill:**  
 Lumens: 11925.4  
 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	7.4	7.4
85°	0.0	0.0	0.0	0.0	7.4	7.4	7.4	7.4	7.4	14.8	14.8
82.5°	0.0	0.0	0.0	0.0	7.4	7.4	7.4	7.4	14.8	14.8	14.8
80°	0.0	0.0	0.0	0.0	7.4	7.4	7.4	7.4	14.8	14.8	14.8
77.5°	0.0	0.0	0.0	0.0	7.4	7.4	7.4	7.4	7.4	7.4	14.8
75°	0.0	0.0	0.0	0.0	7.4	7.4	7.4	7.4	7.4	7.4	7.4
72.5°	0.0	0.0	0.0	0.0	7.4	7.4	7.4	7.4	7.4	7.4	7.4
70°	0.0	0.0	0.0	0.0	7.4	7.4	7.4	7.4	7.4	7.4	7.4
67.5°	0.0	0.0	0.0	0.0	7.4	7.4	7.4	7.4	7.4	7.4	7.4
65°	0.0	0.0	0.0	0.0	7.4	7.4	7.4	7.4	7.4	7.4	7.4
62.5°	0.0	0.0	0.0	0.0	7.4	7.4	7.4	7.4	7.4	7.4	7.4
60°	14.8	14.8	14.8	14.8	22.2	22.2	29.7	29.7	29.7	14.8	29.7
57.5°	118.6	118.6	111.2	103.8	96.4	89.0	89.0	89.0	89.0	89.0	74.1
55°	163.1	163.1	163.1	155.7	155.7	148.3	140.9	133.5	133.5	126.0	118.6
52.5°	192.8	192.8	192.8	192.8	185.4	185.4	185.4	177.9	163.1	163.1	155.7
50°	274.3	266.9	266.9	266.9	266.9	252.1	244.7	229.8	222.4	215.0	207.6
47.5°	355.9	355.9	348.5	348.5	341.0	326.2	311.4	296.6	281.7	274.3	259.5
45°	422.6	422.6	415.2	415.2	407.8	392.9	370.7	348.5	333.6	318.8	304.0
42.5°	519.0	511.6	504.2	496.7	481.9	459.7	430.0	400.4	378.1	355.9	341.0
40°	622.8	622.8	615.4	608.0	585.7	563.5	526.4	489.3	452.3	407.8	385.5
37.5°	748.8	756.2	763.7	763.7	748.8	719.2	667.3	622.8	563.5	504.2	474.5
35°	978.7	978.7	993.5	993.5	971.2	934.2	897.1	800.7	726.6	652.4	585.7
32.5°	1230.7	1238.2	1208.5	1186.3	1156.6	1112.1	1045.4	963.8	882.3	785.9	711.8
30°	1475.4	1475.4	1438.3	1393.9	1334.5	1260.4	1178.8	1089.9	993.5	897.1	808.1
27.5°	1860.9	1823.9	1794.2	1720.1	1616.3	1475.4	1371.6	1230.7	1104.7	993.5	897.1
25°	2498.6	2491.1	2424.4	2298.4	2090.8	1868.4	1697.8	1460.6	1267.8	1097.3	986.1
22.5°	3974.0	3922.1	3766.4	3455.0	2965.6	2580.1	2231.6	1860.9	1512.5	1282.6	1104.7
20°	7347.4	7176.9	6761.7	5901.6	4804.3	4048.1	3180.7	2557.9	1972.2	1542.1	1275.2
17.5°	13708.7	13597.5	13441.8	11454.8	9223.2	7621.7	5671.8	3922.1	2802.5	2016.6	1512.5
15°	25697.3	24874.4	23154.3	20774.4	17653.0	13642.0	10031.3	6331.7	4003.6	2683.9	1920.3
12.5°	43928.6	43016.7	38575.6	32622.1	27009.6	21300.8	14954.3	9623.5	5701.5	3410.5	2276.1
10°	87531.1	80910.2	68476.8	51105.5	39887.9	29745.4	20996.8	13130.4	7421.5	4307.6	2698.7
7.5°	179280.7	157646.3	121480.3	85759.1	55509.5	39013.1	26816.9	17171.1	9890.4	5390.1	3084.3
5°	324938.5	286555.6	215884.2	129991.7	80606.3	48896.1	31821.4	20418.5	11706.9	6272.3	3469.8
2.5°	496160.1	446507.7	312112.0	178746.9	99393.6	56547.5	35320.8	22553.7	12863.5	6872.9	3766.4
0°	592469.4	529227.0	367562.2	204644.4	108342.5	59794.8	37033.5	23836.4	13842.2	7362.2	3959.1
-2.5°	547295.2	496382.5	337794.5	190097.9	103530.7	58371.3	37278.2	24155.2	14005.3	7495.7	4048.1
-5°	385734.2	343948.3	233730.0	140282.5	87842.4	53767.2	35172.6	22954.1	13553.0	7302.9	4011.0
-7.5°	204073.5	185167.5	138614.3	100802.3	64117.3	45507.8	31665.7	20826.3	12381.6	6783.9	3788.6
-10°	105436.1	101558.6	87516.2	65970.8	51884.0	38123.4	27024.5	17808.7	10350.1	5842.3	3410.5
-12.5°	60788.3	60128.5	55613.3	47739.5	39784.1	31317.2	22175.6	14524.3	8637.4	4841.4	2876.7
-15°	39361.5	39643.3	38071.5	34794.4	30264.4	23436.0	17037.6	10802.4	6391.0	3922.1	2535.6
-17.5°	26861.3	26787.2	26053.2	23806.7	20159.0	15829.1	11291.7	7629.1	4841.4	3054.6	2105.6
-20°	16993.2	17022.8	16340.7	14791.2	12107.3	9757.0	7028.6	5145.4	3432.7	2402.2	1860.9



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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°	9860.8	9883.0	9453.0	8578.1	7169.5	5783.0	4567.1	3403.1	2528.2	2001.8	1631.1
-25°	5664.4	5575.4	5404.9	4982.3	4322.4	3566.2	3032.4	2394.8	2024.1	1697.8	1490.2
-27.5°	3432.7	3373.4	3284.5	3099.1	2839.6	2461.5	2216.8	1935.1	1720.1	1527.3	1401.3
-30°	2394.8	2417.0	2342.9	2246.5	2127.9	1957.3	1823.9	1690.4	1549.6	1430.9	1312.3
-32.5°	1905.4	1920.3	1883.2	1846.1	1786.8	1720.1	1638.5	1542.1	1430.9	1319.7	1208.5
-35°	1638.5	1645.9	1645.9	1638.5	1623.7	1571.8	1512.5	1423.5	1319.7	1215.9	1119.5
-37.5°	1505.1	1512.5	1512.5	1505.1	1482.8	1438.3	1379.0	1304.9	1208.5	1112.1	1038.0
-40°	1364.2	1371.6	1364.2	1349.4	1327.1	1282.6	1238.2	1178.8	1104.7	1023.1	956.4
-42.5°	1230.7	1223.3	1215.9	1201.1	1178.8	1149.2	1112.1	1067.6	1015.7	956.4	904.5
-45°	1104.7	1104.7	1097.3	1089.9	1075.0	1052.8	1030.6	993.5	956.4	911.9	867.5
-47.5°	1038.0	1038.0	1030.6	1023.1	1015.7	1000.9	978.7	949.0	919.4	882.3	845.2
-50°	993.5	993.5	993.5	986.1	978.7	963.8	941.6	919.4	889.7	852.6	815.6
-52.5°	963.8	963.8	963.8	956.4	949.0	941.6	919.4	889.7	852.6	823.0	793.3
-55°	949.0	941.6	941.6	934.2	926.8	919.4	889.7	860.0	830.4	800.7	771.1
-57.5°	926.8	919.4	919.4	911.9	904.5	897.1	867.5	837.8	808.1	771.1	748.8
-60°	904.5	897.1	897.1	882.3	874.9	867.5	837.8	808.1	778.5	748.8	719.2
-62.5°	874.9	867.5	860.0	852.6	837.8	823.0	800.7	771.1	734.0	704.3	674.7
-65°	808.1	800.7	793.3	785.9	778.5	771.1	748.8	711.8	682.1	652.4	622.8
-67.5°	726.6	726.6	726.6	711.8	704.3	689.5	674.7	645.0	615.4	585.7	563.5
-70°	630.2	630.2	630.2	615.4	608.0	600.5	578.3	556.1	533.8	511.6	481.9
-72.5°	533.8	526.4	526.4	519.0	504.2	496.7	481.9	467.1	444.8	430.0	407.8
-75°	437.4	430.0	430.0	422.6	415.2	407.8	392.9	385.5	370.7	355.9	333.6
-77.5°	348.5	348.5	348.5	341.0	333.6	326.2	318.8	311.4	304.0	289.2	274.3
-80°	266.9	266.9	266.9	266.9	266.9	266.9	266.9	259.5	244.7	237.3	229.8
-82.5°	192.8	200.2	200.2	200.2	200.2	200.2	200.2	200.2	192.8	185.4	177.9
-85°	126.0	133.5	133.5	140.9	148.3	148.3	155.7	148.3	140.9	126.0	118.6
-87.5°	66.7	66.7	66.7	66.7	66.7	66.7	66.7	59.3	59.3	59.3	51.9
-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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**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°	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	14.8	14.8	14.8
85°	14.8	14.8	14.8	14.8	22.2	22.2	22.2	29.7	29.7	29.7	29.7
82.5°	14.8	22.2	22.2	22.2	29.7	29.7	37.1	44.5	59.3	66.7	66.7
80°	14.8	22.2	22.2	22.2	29.7	29.7	37.1	37.1	44.5	51.9	66.7
77.5°	14.8	14.8	22.2	22.2	22.2	29.7	29.7	37.1	37.1	44.5	51.9
75°	7.4	14.8	14.8	14.8	22.2	22.2	29.7	29.7	37.1	37.1	44.5
72.5°	7.4	14.8	14.8	14.8	22.2	22.2	29.7	29.7	29.7	37.1	37.1
70°	7.4	14.8	14.8	14.8	14.8	22.2	22.2	22.2	29.7	29.7	29.7
67.5°	7.4	7.4	7.4	14.8	14.8	14.8	14.8	22.2	22.2	22.2	29.7
65°	7.4	7.4	7.4	7.4	14.8	14.8	14.8	14.8	22.2	22.2	22.2
62.5°	7.4	7.4	7.4	14.8	14.8	14.8	14.8	14.8	22.2	22.2	22.2
60°	29.7	29.7	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2
57.5°	66.7	66.7	59.3	51.9	44.5	44.5	37.1	29.7	29.7	22.2	22.2
55°	111.2	103.8	96.4	81.6	74.1	66.7	59.3	44.5	37.1	29.7	22.2
52.5°	140.9	133.5	126.0	118.6	103.8	89.0	81.6	74.1	59.3	44.5	37.1
50°	207.6	185.4	170.5	155.7	140.9	126.0	111.2	103.8	81.6	66.7	51.9
47.5°	252.1	237.3	215.0	200.2	185.4	163.1	140.9	126.0	111.2	89.0	66.7
45°	289.2	274.3	252.1	237.3	222.4	200.2	177.9	155.7	140.9	118.6	89.0
42.5°	326.2	311.4	289.2	274.3	252.1	229.8	207.6	185.4	163.1	148.3	118.6
40°	378.1	355.9	326.2	311.4	296.6	266.9	237.3	215.0	192.8	170.5	140.9
37.5°	444.8	422.6	385.5	355.9	333.6	311.4	281.7	252.1	229.8	200.2	170.5
35°	548.6	511.6	459.7	415.2	385.5	355.9	318.8	289.2	259.5	229.8	200.2
32.5°	652.4	593.1	526.4	474.5	430.0	392.9	355.9	326.2	289.2	252.1	222.4
30°	734.0	667.3	600.5	526.4	474.5	430.0	392.9	355.9	318.8	281.7	244.7
27.5°	815.6	741.4	667.3	593.1	519.0	459.7	422.6	385.5	348.5	311.4	266.9
25°	897.1	815.6	741.4	659.9	570.9	504.2	452.3	422.6	385.5	341.0	289.2
22.5°	971.2	897.1	823.0	734.0	630.2	541.2	489.3	452.3	415.2	363.3	318.8
20°	1112.1	1015.7	926.8	815.6	696.9	608.0	541.2	489.3	444.8	392.9	341.0
17.5°	1297.5	1156.6	1038.0	911.9	793.3	682.1	585.7	526.4	481.9	422.6	363.3
15°	1534.7	1290.1	1141.8	1015.7	874.9	748.8	645.0	563.5	504.2	444.8	392.9
12.5°	1712.7	1393.9	1230.7	1112.1	963.8	823.0	689.5	593.1	526.4	467.1	407.8
10°	1912.8	1505.1	1304.9	1171.4	1015.7	860.0	719.2	615.4	541.2	489.3	430.0
7.5°	2076.0	1594.0	1342.0	1193.7	1045.4	889.7	748.8	637.6	563.5	504.2	444.8
5°	2224.2	1668.2	1371.6	1201.1	1060.2	911.9	763.7	652.4	578.3	519.0	459.7
2.5°	2328.0	1734.9	1401.3	1215.9	1075.0	926.8	785.9	667.3	593.1	533.8	474.5
0°	2417.0	1757.1	1393.9	1215.9	1082.5	926.8	793.3	674.7	600.5	541.2	481.9
-2.5°	2446.7	1794.2	1430.9	1230.7	1097.3	941.6	808.1	682.1	608.0	548.6	496.7
-5°	2446.7	1764.6	1430.9	1245.6	1104.7	949.0	808.1	689.5	615.4	556.1	496.7
-7.5°	2357.7	1720.1	1423.5	1260.4	1112.1	956.4	808.1	696.9	622.8	563.5	504.2
-10°	2202.0	1653.3	1416.1	1267.8	1112.1	949.0	808.1	696.9	622.8	563.5	511.6
-12.5°	1949.9	1564.4	1379.0	1253.0	1097.3	934.2	800.7	696.9	622.8	570.9	511.6
-15°	1823.9	1490.2	1334.5	1208.5	1060.2	911.9	785.9	689.5	622.8	570.9	519.0
-17.5°	1653.3	1430.9	1290.1	1164.0	1030.6	889.7	771.1	689.5	622.8	563.5	519.0
-20°	1534.7	1364.2	1238.2	1126.9	993.5	867.5	763.7	682.1	622.8	563.5	519.0



REPORT NUMBER: P724148

CATALOG NUMBER: IFLD-L-SA7C-740-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°	1430.9	1290.1	1178.8	1067.6	949.0	837.8	748.8	674.7	615.4	563.5	519.0
-25°	1349.4	1223.3	1119.5	1015.7	911.9	815.6	734.0	667.3	608.0	563.5	511.6
-27.5°	1275.2	1156.6	1060.2	963.8	867.5	793.3	719.2	659.9	608.0	556.1	504.2
-30°	1193.7	1097.3	1000.9	911.9	845.2	771.1	704.3	645.0	600.5	548.6	496.7
-32.5°	1112.1	1023.1	941.6	874.9	815.6	756.2	696.9	637.6	585.7	533.8	481.9
-35°	1038.0	956.4	897.1	837.8	793.3	741.4	682.1	622.8	578.3	526.4	481.9
-37.5°	963.8	904.5	852.6	808.1	763.7	719.2	659.9	608.0	563.5	511.6	459.7
-40°	904.5	860.0	823.0	785.9	741.4	689.5	645.0	593.1	548.6	496.7	437.4
-42.5°	867.5	830.4	793.3	756.2	719.2	674.7	630.2	578.3	533.8	481.9	422.6
-45°	830.4	800.7	771.1	741.4	704.3	659.9	608.0	556.1	511.6	459.7	415.2
-47.5°	808.1	778.5	748.8	726.6	696.9	637.6	593.1	541.2	489.3	444.8	392.9
-50°	785.9	756.2	734.0	704.3	667.3	615.4	570.9	519.0	474.5	422.6	378.1
-52.5°	763.7	734.0	704.3	674.7	637.6	593.1	548.6	504.2	452.3	400.4	355.9
-55°	741.4	711.8	682.1	652.4	615.4	578.3	533.8	474.5	422.6	370.7	326.2
-57.5°	719.2	696.9	659.9	622.8	585.7	548.6	496.7	444.8	392.9	341.0	304.0
-60°	689.5	659.9	630.2	585.7	548.6	504.2	459.7	415.2	363.3	318.8	281.7
-62.5°	645.0	615.4	585.7	541.2	504.2	467.1	430.0	378.1	341.0	296.6	259.5
-65°	593.1	563.5	533.8	496.7	459.7	422.6	392.9	348.5	311.4	274.3	244.7
-67.5°	533.8	504.2	481.9	444.8	415.2	378.1	348.5	311.4	274.3	244.7	215.0
-70°	459.7	437.4	415.2	385.5	355.9	326.2	296.6	266.9	237.3	215.0	185.4
-72.5°	392.9	370.7	348.5	326.2	304.0	274.3	252.1	229.8	207.6	185.4	170.5
-75°	318.8	304.0	289.2	274.3	252.1	229.8	215.0	192.8	177.9	163.1	155.7
-77.5°	266.9	252.1	237.3	222.4	207.6	192.8	177.9	163.1	155.7	148.3	140.9
-80°	215.0	207.6	200.2	185.4	177.9	163.1	155.7	140.9	140.9	140.9	140.9
-82.5°	170.5	163.1	155.7	148.3	140.9	133.5	133.5	126.0	133.5	133.5	126.0
-85°	118.6	111.2	103.8	103.8	96.4	96.4	89.0	89.0	89.0	81.6	81.6
-87.5°	51.9	51.9	51.9	51.9	44.5	44.5	44.5	44.5	44.5	37.1	37.1
-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: P724148  
 CATALOG NUMBER: IFLD-L-SA7C-740-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°	14.8	14.8	7.4	7.4	7.4	7.4	7.4	7.4	7.4	0.0	0.0
85°	29.7	29.7	22.2	22.2	22.2	14.8	14.8	7.4	7.4	7.4	7.4
82.5°	66.7	59.3	51.9	44.5	37.1	29.7	22.2	14.8	14.8	7.4	7.4
80°	81.6	81.6	81.6	74.1	59.3	44.5	29.7	22.2	14.8	7.4	7.4
77.5°	59.3	59.3	66.7	74.1	74.1	59.3	37.1	22.2	14.8	14.8	7.4
75°	44.5	44.5	44.5	51.9	59.3	59.3	44.5	29.7	14.8	14.8	7.4
72.5°	44.5	44.5	44.5	44.5	44.5	44.5	44.5	29.7	22.2	14.8	14.8
70°	37.1	37.1	37.1	37.1	37.1	37.1	37.1	29.7	22.2	14.8	14.8
67.5°	29.7	29.7	37.1	37.1	37.1	29.7	29.7	29.7	22.2	14.8	14.8
65°	22.2	29.7	29.7	37.1	29.7	29.7	29.7	22.2	22.2	14.8	14.8
62.5°	22.2	22.2	29.7	29.7	29.7	29.7	22.2	22.2	22.2	14.8	14.8
60°	22.2	22.2	22.2	29.7	22.2	22.2	22.2	22.2	22.2	14.8	14.8
57.5°	22.2	22.2	22.2	22.2	22.2	22.2	22.2	14.8	14.8	14.8	14.8
55°	22.2	22.2	22.2	22.2	22.2	22.2	14.8	14.8	14.8	14.8	14.8
52.5°	29.7	22.2	22.2	22.2	22.2	22.2	14.8	14.8	14.8	14.8	14.8
50°	37.1	22.2	22.2	22.2	22.2	14.8	14.8	14.8	14.8	14.8	14.8
47.5°	51.9	37.1	29.7	22.2	22.2	14.8	14.8	14.8	14.8	14.8	7.4
45°	74.1	51.9	37.1	29.7	22.2	14.8	14.8	14.8	14.8	14.8	7.4
42.5°	89.0	66.7	44.5	37.1	29.7	22.2	14.8	14.8	14.8	7.4	7.4
40°	111.2	89.0	59.3	44.5	29.7	22.2	14.8	14.8	14.8	7.4	7.4
37.5°	140.9	111.2	74.1	51.9	37.1	22.2	22.2	14.8	14.8	7.4	7.4
35°	163.1	126.0	96.4	59.3	44.5	29.7	22.2	14.8	14.8	7.4	7.4
32.5°	185.4	148.3	118.6	74.1	51.9	37.1	29.7	14.8	14.8	7.4	7.4
30°	207.6	170.5	133.5	96.4	66.7	44.5	29.7	14.8	14.8	7.4	7.4
27.5°	229.8	185.4	148.3	111.2	74.1	51.9	37.1	22.2	14.8	7.4	7.4
25°	252.1	207.6	163.1	126.0	81.6	59.3	37.1	22.2	14.8	14.8	7.4
22.5°	266.9	229.8	185.4	140.9	96.4	66.7	44.5	29.7	14.8	14.8	7.4
20°	289.2	252.1	200.2	155.7	111.2	74.1	44.5	29.7	14.8	14.8	7.4
17.5°	311.4	266.9	215.0	170.5	126.0	81.6	51.9	37.1	14.8	14.8	7.4
15°	333.6	281.7	229.8	177.9	133.5	89.0	51.9	37.1	14.8	14.8	7.4
12.5°	355.9	304.0	244.7	192.8	140.9	96.4	59.3	44.5	22.2	14.8	7.4
10°	370.7	318.8	259.5	200.2	148.3	111.2	66.7	44.5	22.2	14.8	7.4
7.5°	392.9	333.6	274.3	215.0	155.7	118.6	74.1	44.5	22.2	14.8	7.4
5°	400.4	348.5	281.7	229.8	163.1	126.0	81.6	51.9	22.2	14.8	7.4
2.5°	407.8	363.3	289.2	237.3	170.5	126.0	81.6	51.9	29.7	14.8	7.4
0°	415.2	370.7	296.6	244.7	177.9	133.5	89.0	51.9	29.7	14.8	7.4
-2.5°	422.6	378.1	311.4	252.1	185.4	140.9	96.4	51.9	29.7	14.8	7.4
-5°	430.0	378.1	326.2	259.5	192.8	140.9	96.4	59.3	37.1	14.8	7.4
-7.5°	437.4	385.5	333.6	266.9	200.2	140.9	103.8	59.3	37.1	22.2	7.4
-10°	444.8	392.9	341.0	274.3	200.2	148.3	103.8	59.3	37.1	22.2	7.4
-12.5°	452.3	400.4	341.0	274.3	207.6	148.3	103.8	66.7	37.1	22.2	7.4
-15°	459.7	400.4	341.0	274.3	207.6	155.7	111.2	66.7	37.1	22.2	14.8
-17.5°	459.7	400.4	341.0	281.7	207.6	155.7	111.2	66.7	37.1	22.2	14.8
-20°	459.7	400.4	341.0	281.7	207.6	155.7	111.2	66.7	37.1	22.2	14.8



REPORT NUMBER: P724148  
 CATALOG NUMBER: IFLD-L-SA7C-740-U-22-VI

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	452.3	392.9	341.0	274.3	207.6	155.7	111.2	66.7	44.5	22.2	14.8
-25°	452.3	392.9	341.0	274.3	207.6	155.7	103.8	66.7	44.5	22.2	14.8
-27.5°	444.8	392.9	333.6	266.9	200.2	148.3	103.8	66.7	44.5	22.2	14.8
-30°	437.4	385.5	326.2	259.5	200.2	148.3	103.8	66.7	44.5	22.2	14.8
-32.5°	430.0	370.7	318.8	252.1	192.8	140.9	103.8	66.7	44.5	22.2	14.8
-35°	415.2	363.3	304.0	244.7	185.4	140.9	96.4	66.7	44.5	29.7	14.8
-37.5°	400.4	348.5	296.6	237.3	177.9	133.5	96.4	66.7	44.5	29.7	14.8
-40°	385.5	341.0	281.7	222.4	170.5	126.0	96.4	66.7	44.5	29.7	22.2
-42.5°	370.7	326.2	274.3	215.0	170.5	126.0	89.0	66.7	44.5	29.7	22.2
-45°	363.3	318.8	259.5	207.6	163.1	126.0	89.0	59.3	44.5	29.7	22.2
-47.5°	348.5	296.6	244.7	200.2	155.7	118.6	81.6	59.3	44.5	29.7	22.2
-50°	326.2	281.7	237.3	192.8	148.3	111.2	81.6	59.3	44.5	29.7	22.2
-52.5°	304.0	259.5	222.4	177.9	140.9	111.2	81.6	59.3	44.5	29.7	22.2
-55°	281.7	244.7	207.6	170.5	133.5	103.8	74.1	59.3	44.5	29.7	22.2
-57.5°	266.9	229.8	192.8	155.7	126.0	96.4	74.1	51.9	37.1	29.7	22.2
-60°	252.1	215.0	177.9	148.3	118.6	96.4	74.1	51.9	37.1	29.7	14.8
-62.5°	229.8	200.2	163.1	140.9	111.2	89.0	66.7	51.9	37.1	29.7	14.8
-65°	207.6	177.9	148.3	126.0	103.8	81.6	66.7	51.9	37.1	29.7	14.8
-67.5°	185.4	163.1	140.9	118.6	96.4	81.6	66.7	51.9	37.1	22.2	14.8
-70°	170.5	148.3	126.0	111.2	96.4	74.1	66.7	51.9	37.1	22.2	14.8
-72.5°	148.3	133.5	118.6	103.8	89.0	81.6	66.7	51.9	29.7	22.2	14.8
-75°	140.9	126.0	111.2	103.8	96.4	81.6	66.7	44.5	29.7	22.2	14.8
-77.5°	140.9	126.0	118.6	111.2	96.4	81.6	59.3	37.1	22.2	22.2	14.8
-80°	140.9	133.5	126.0	103.8	89.0	66.7	44.5	37.1	22.2	14.8	7.4
-82.5°	126.0	103.8	89.0	74.1	66.7	51.9	37.1	29.7	14.8	14.8	7.4
-85°	81.6	66.7	59.3	51.9	44.5	37.1	22.2	14.8	14.8	7.4	7.4
-87.5°	37.1	37.1	29.7	22.2	22.2	14.8	14.8	7.4	7.4	7.4	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: P724148  
 CATALOG NUMBER: IFLD-L-SA7C-740-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°	7.4	0.0	0.0	0.0
77.5°	7.4	0.0	0.0	0.0
75°	7.4	7.4	0.0	0.0
72.5°	7.4	7.4	0.0	0.0
70°	7.4	7.4	0.0	0.0
67.5°	7.4	7.4	0.0	0.0
65°	7.4	7.4	0.0	0.0
62.5°	7.4	7.4	0.0	0.0
60°	7.4	7.4	0.0	0.0
57.5°	7.4	7.4	7.4	0.0
55°	7.4	7.4	7.4	0.0
52.5°	7.4	7.4	7.4	0.0
50°	7.4	7.4	7.4	0.0
47.5°	7.4	7.4	7.4	0.0
45°	7.4	7.4	7.4	0.0
42.5°	7.4	7.4	7.4	0.0
40°	7.4	7.4	7.4	0.0
37.5°	7.4	7.4	7.4	0.0
35°	7.4	7.4	7.4	0.0
32.5°	7.4	7.4	7.4	0.0
30°	7.4	7.4	7.4	0.0
27.5°	7.4	7.4	7.4	0.0
25°	7.4	7.4	7.4	0.0
22.5°	7.4	7.4	7.4	0.0
20°	7.4	7.4	7.4	0.0
17.5°	7.4	7.4	7.4	0.0
15°	7.4	7.4	7.4	0.0
12.5°	7.4	7.4	7.4	0.0
10°	7.4	7.4	7.4	0.0
7.5°	7.4	7.4	7.4	0.0
5°	7.4	7.4	7.4	0.0
2.5°	7.4	7.4	7.4	0.0
0°	7.4	7.4	7.4	0.0
-2.5°	7.4	7.4	7.4	0.0
-5°	7.4	7.4	7.4	0.0
-7.5°	7.4	7.4	7.4	0.0
-10°	7.4	7.4	7.4	0.0
-12.5°	7.4	7.4	7.4	0.0
-15°	7.4	7.4	7.4	0.0
-17.5°	7.4	7.4	7.4	0.0
-20°	7.4	7.4	7.4	0.0



REPORT NUMBER: P724148  
CATALOG NUMBER: IFLD-L-SA7C-740-U-22-VI

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
-22.5°	7.4	7.4	7.4	0.0
-25°	7.4	7.4	7.4	0.0
-27.5°	7.4	7.4	7.4	0.0
-30°	7.4	7.4	7.4	0.0
-32.5°	7.4	7.4	7.4	0.0
-35°	7.4	7.4	7.4	0.0
-37.5°	7.4	7.4	7.4	0.0
-40°	7.4	7.4	7.4	0.0
-42.5°	7.4	7.4	7.4	0.0
-45°	7.4	7.4	7.4	0.0
-47.5°	7.4	7.4	7.4	0.0
-50°	7.4	7.4	7.4	0.0
-52.5°	7.4	7.4	7.4	0.0
-55°	7.4	7.4	7.4	0.0
-57.5°	7.4	7.4	7.4	0.0
-60°	7.4	7.4	0.0	0.0
-62.5°	7.4	7.4	0.0	0.0
-65°	7.4	7.4	0.0	0.0
-67.5°	7.4	7.4	0.0	0.0
-70°	7.4	7.4	0.0	0.0
-72.5°	7.4	7.4	0.0	0.0
-75°	7.4	7.4	0.0	0.0
-77.5°	7.4	0.0	0.0	0.0
-80°	7.4	0.0	0.0	0.0
-82.5°	7.4	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)