

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: P724091

Luminaire Tested: **IFLD-L-SA7D-730-U-22-VI**

Issue Date: 01/11/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P724091  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 01/11/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-L-SA7D-730-U-22-VI  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 2 distribution lens and Visor  
Light Source: (112) 3000K CCT, 70 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

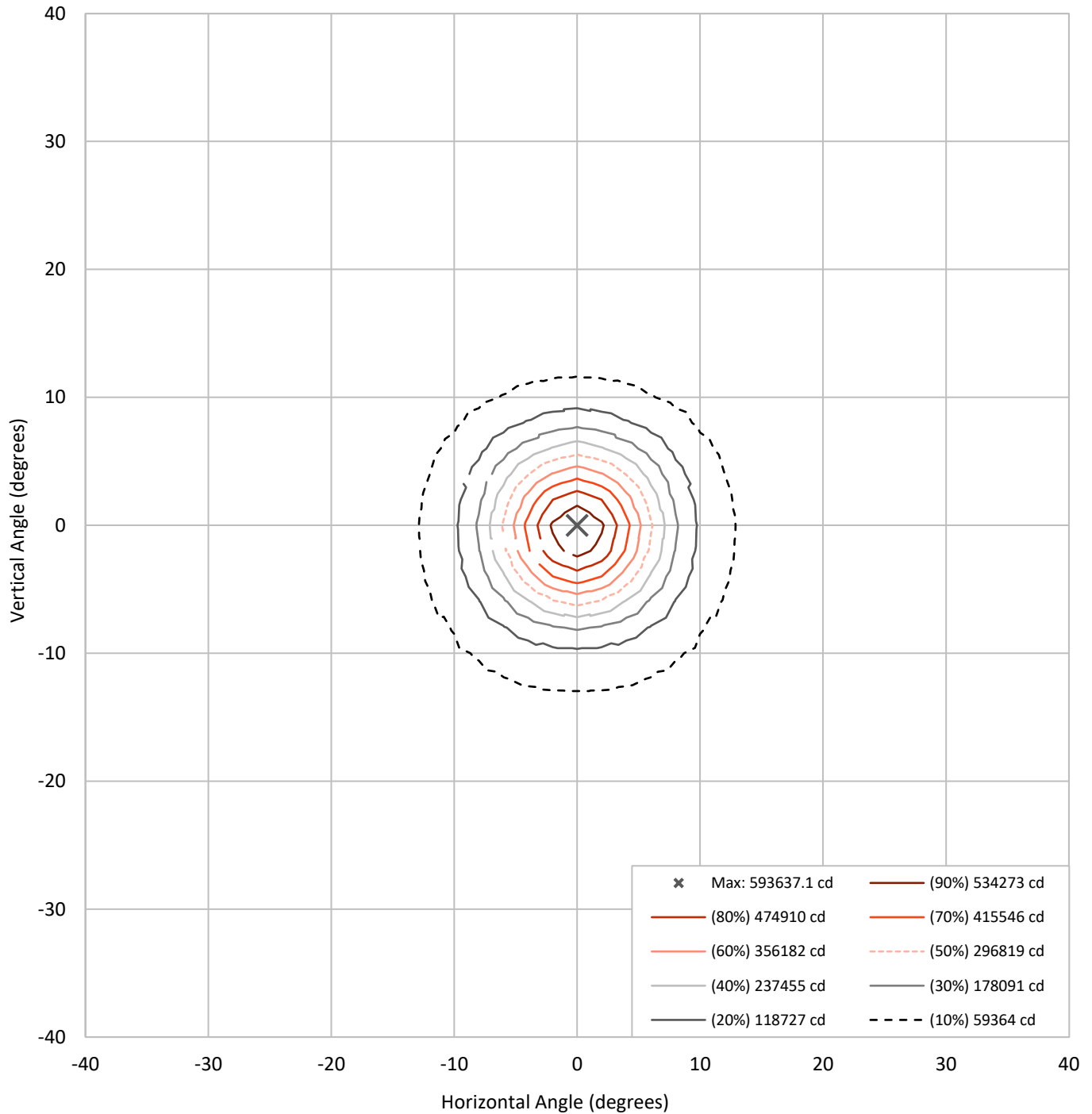
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	41465.8 lumens	Max Intensity:	593637.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	98.1 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	12.2°H x 11.7°V	Field Angle (10%):	25.1°H x 24.3°V
Beam Lumens:	12972.4 lumens	Field Lumens:	29516.9 lumens
Beam Efficiency:	31.3%	Field Efficiency:	71.2%

Input Watts (W): 422.6  
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





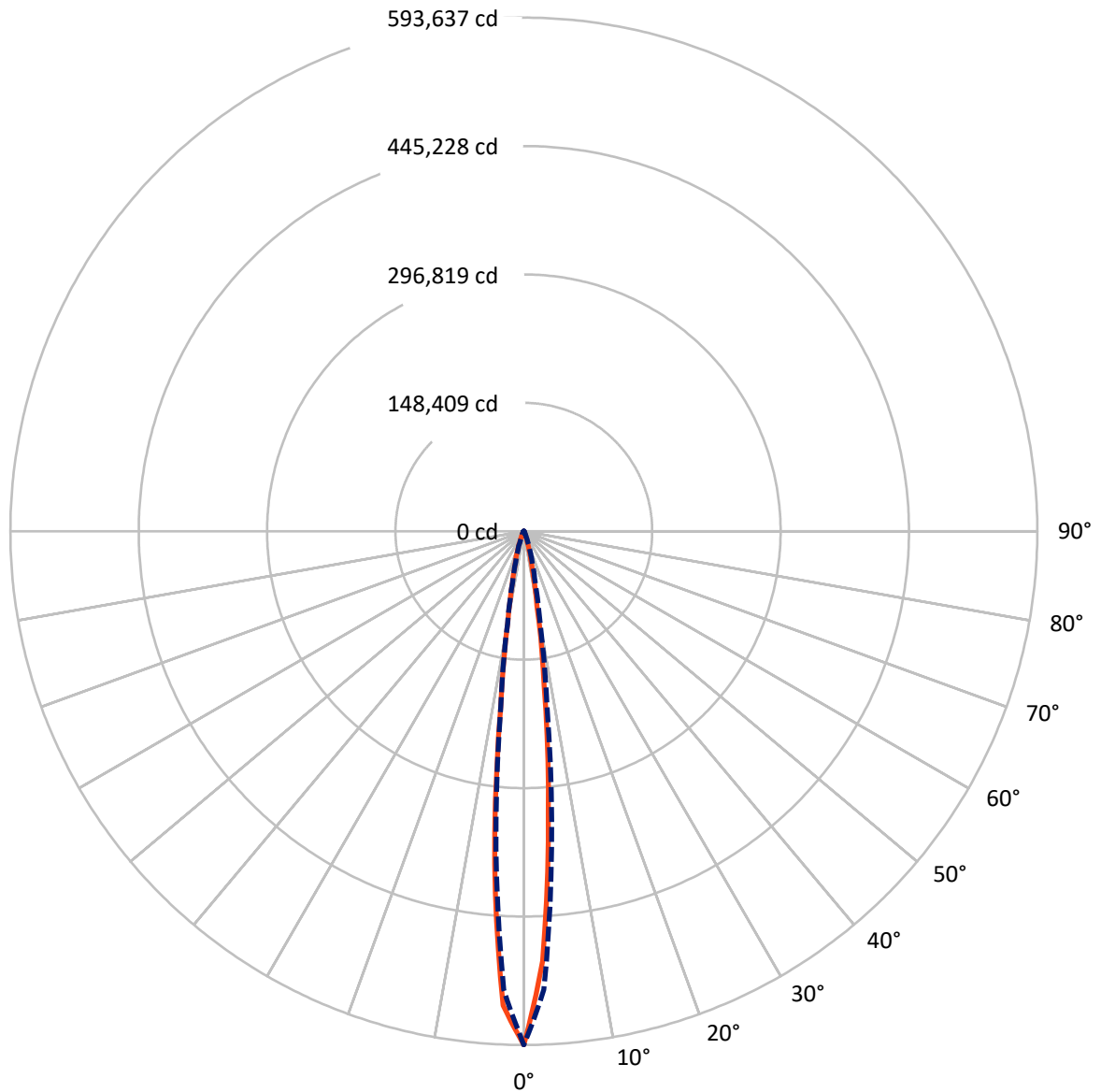
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### Lumen Table

90	0.3	2.5		2.1		1.0		0.1		1.0		2.1		2.5		0.3			
80	0.3	2.5		2.1		1.0		0.1		1.0		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	8.4	11.0	13.0	13.0	11.0	8.4	5.9	3.4	1.3	0.3	0.3			
40		0.7	2.9	6.3	10.6	16.7	25.2	30.1	30.1	25.2	16.7	10.6	6.3	2.9	0.7				
30	0.4	1.3	4.4	9.1	16.7	28.7	55.3	89.3	89.3	55.3	28.7	16.7	9.1	4.4	1.3	0.4			
20		1.8	5.9	12.4	25.2	62.5	326.7	826.5	826.5	326.7	62.5	25.2	12.4	5.9	1.8				
10	0.7	2.3	7.1	14.7	30.8	127.0	1052.2	6483.8	6483.8	1052.2	127.0	30.8	14.7	7.1	2.3	0.7			
0		2.7	7.7	15.5	32.1	144.8	1157.8	7140.4	7140.4	1157.8	144.8	32.1	15.5	7.7	2.7				
-10	0.9	2.9	8.1	15.4	30.1	86.8	519.7	1252.3	1252.3	519.7	86.8	30.1	15.4	8.1	2.9	0.9			
-20		2.8	8.0	14.6	25.5	44.2	107.4	201.8	201.8	107.4	44.2	25.5	14.6	8.0	2.8				
-30	0.9	2.6	7.3	13.6	21.2	31.3	44.3	52.1	52.1	44.3	31.3	21.2	13.6	7.3	2.6	0.9			
-40		2.2	6.4	12.1	18.5	24.4	30.8	34.2	34.2	30.8	24.4	18.5	12.1	6.4	2.2				
-50	0.7	1.8	5.1	10.2	16.2	21.3	26.2	28.5	28.5	26.2	21.3	16.2	10.2	5.1	1.8	0.7			
-60		1.4	3.7	7.5	12.3	17.0	21.4	23.8	23.8	21.4	17.0	12.3	7.5	3.7	1.4				
-70	0.4	1.8	5.1	10.2	16.2	21.3	26.2	28.5	28.5	26.2	21.3	16.2	10.2	5.1	1.8	0.4			
-80		1.4	3.7	7.5	12.3	17.0	21.4	23.8	23.8	21.4	17.0	12.3	7.5	3.7	1.4				
-90	0.4	5.6		15.5		28.7		34.6		28.7		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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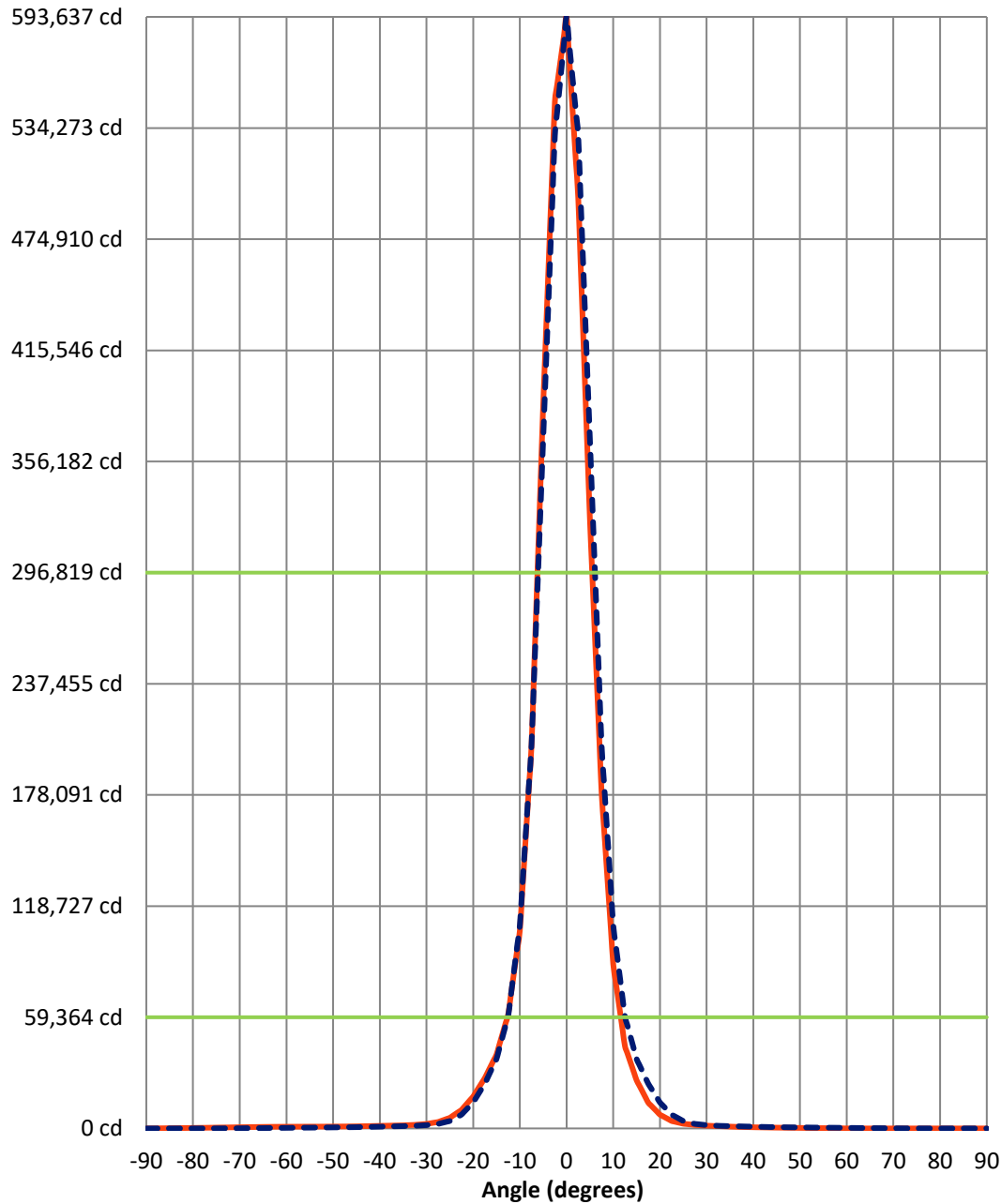
### Luminous Intensity Polar Plot



— 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: 12972.4  
Efficiency: 31.3%

**Field:**  
H Angle: 25.1°  
V Angle: 24.3°  
Lumens: 29516.9  
Efficiency: 71.2%

**Spill:**  
Lumens: 11948.9  
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	14.9	14.9
82.5°	0.0	0.0	0.0	0.0	7.4	7.4	7.4	7.4	14.9	14.9	14.9
80°	0.0	0.0	0.0	0.0	7.4	7.4	7.4	7.4	14.9	14.9	14.9
77.5°	0.0	0.0	0.0	0.0	7.4	7.4	7.4	7.4	7.4	7.4	14.9
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°	14.9	14.9	14.9	14.9	22.3	22.3	29.7	29.7	29.7	14.9	29.7
57.5°	118.9	118.9	111.4	104.0	96.6	89.1	89.1	89.1	89.1	89.1	74.3
55°	163.4	163.4	163.4	156.0	156.0	148.6	141.1	133.7	133.7	126.3	118.9
52.5°	193.1	193.1	193.1	193.1	185.7	185.7	185.7	178.3	163.4	163.4	156.0
50°	274.9	267.4	267.4	267.4	267.4	252.6	245.1	230.3	222.9	215.4	208.0
47.5°	356.6	356.6	349.2	349.2	341.7	326.9	312.0	297.1	282.3	274.9	260.0
45°	423.4	423.4	416.0	416.0	408.6	393.7	371.4	349.2	334.3	319.4	304.6
42.5°	520.0	512.6	505.2	497.7	482.9	460.6	430.9	401.2	378.9	356.6	341.7
40°	624.0	624.0	616.6	609.2	586.9	564.6	527.4	490.3	453.2	408.6	386.3
37.5°	750.3	757.7	765.2	765.2	750.3	720.6	668.6	624.0	564.6	505.2	475.4
35°	980.6	980.6	995.4	995.4	973.2	936.0	898.9	802.3	728.0	653.7	586.9
32.5°	1233.2	1240.6	1210.9	1188.6	1158.9	1114.3	1047.5	965.7	884.0	787.4	713.2
30°	1478.3	1478.3	1441.2	1396.6	1337.2	1262.9	1181.2	1092.0	995.4	898.9	809.7
27.5°	1864.6	1827.5	1797.8	1723.5	1619.5	1478.3	1374.3	1233.2	1106.9	995.4	898.9
25°	2503.5	2496.1	2429.2	2302.9	2094.9	1872.0	1701.2	1463.5	1270.3	1099.5	988.0
22.5°	3981.8	3929.8	3773.8	3461.8	2971.5	2585.2	2236.0	1864.6	1515.5	1285.2	1106.9
20°	7361.9	7191.0	6775.0	5913.3	4813.8	4056.1	3186.9	2562.9	1976.0	1545.2	1277.7
17.5°	13735.7	13624.3	13468.3	11477.4	9241.3	7636.7	5683.0	3929.8	2808.1	2020.6	1515.5
15°	25748.0	24923.4	23199.9	20815.3	17687.8	13668.9	10051.1	6344.1	4011.5	2689.2	1924.0
12.5°	44015.2	43101.5	38651.7	32686.4	27062.9	21342.7	14983.7	9642.5	5712.7	3417.2	2280.6
10°	87703.6	81069.7	68611.7	51206.2	39966.6	29804.1	21038.2	13156.3	7436.2	4316.1	2704.1
7.5°	179634.1	157957.0	121719.7	85928.1	55618.9	39090.0	26869.7	17204.9	9909.9	5400.7	3090.4
5°	325578.8	287120.3	216309.7	130247.9	80765.1	48992.5	31884.1	20458.7	11730.0	6284.7	3476.6
2.5°	497137.9	447387.7	312727.1	179099.2	99589.5	56658.9	35390.5	22598.2	12888.8	6886.4	3773.8
0°	593637.1	530270.0	368286.6	205047.7	108556.0	59912.7	37106.5	23883.4	13869.4	7376.7	3966.9
-2.5°	548373.8	497360.7	338460.3	190472.6	103734.8	58486.4	37351.6	24202.8	14032.9	7510.4	4056.1
-5°	386494.4	344626.1	234190.6	140559.0	88015.6	53873.1	35241.9	22999.3	13579.7	7317.3	4018.9
-7.5°	204475.7	185532.5	138887.5	101001.0	64243.6	45597.5	31728.1	20867.3	12406.0	6797.3	3796.1
-10°	105643.9	101758.7	87688.7	66100.8	51986.2	38198.5	27077.7	17843.8	10370.5	5853.8	3417.2
-12.5°	60908.1	60247.0	55722.9	47833.6	39862.6	31378.9	22219.3	14552.9	8654.5	4851.0	2882.3
-15°	39439.1	39721.4	38146.5	34863.0	30324.1	23482.2	17071.2	10823.7	6403.6	3929.8	2540.6
-17.5°	26914.3	26840.0	26104.5	23853.6	20198.7	15860.3	11314.0	7644.2	4851.0	3060.6	2109.8
-20°	17026.6	17056.4	16372.9	14820.3	12131.1	9776.2	7042.4	5155.5	3439.5	2406.9	1864.6



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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°	9880.2	9902.5	9471.6	8595.0	7183.6	5794.4	4576.1	3409.8	2533.2	2005.8	1634.3
-25°	5675.5	5586.4	5415.5	4992.1	4330.9	3573.2	3038.3	2399.5	2028.0	1701.2	1493.2
-27.5°	3439.5	3380.1	3290.9	3105.2	2845.2	2466.3	2221.2	1938.9	1723.5	1530.3	1404.0
-30°	2399.5	2421.8	2347.5	2250.9	2132.0	1961.2	1827.5	1693.7	1552.6	1433.7	1314.9
-32.5°	1909.2	1924.0	1886.9	1849.8	1790.3	1723.5	1641.7	1545.2	1433.7	1322.3	1210.9
-35°	1641.7	1649.2	1649.2	1641.7	1626.9	1574.9	1515.5	1426.3	1322.3	1218.3	1121.7
-37.5°	1508.0	1515.5	1515.5	1508.0	1485.7	1441.2	1381.7	1307.5	1210.9	1114.3	1040.0
-40°	1366.9	1374.3	1366.9	1352.0	1329.7	1285.2	1240.6	1181.2	1106.9	1025.2	958.3
-42.5°	1233.2	1225.7	1218.3	1203.5	1181.2	1151.5	1114.3	1069.7	1017.7	958.3	906.3
-45°	1106.9	1106.9	1099.5	1092.0	1077.2	1054.9	1032.6	995.4	958.3	913.7	869.2
-47.5°	1040.0	1040.0	1032.6	1025.2	1017.7	1002.9	980.6	950.9	921.2	884.0	846.9
-50°	995.4	995.4	995.4	988.0	980.6	965.7	943.4	921.2	891.4	854.3	817.2
-52.5°	965.7	965.7	965.7	958.3	950.9	943.4	921.2	891.4	854.3	824.6	794.9
-55°	950.9	943.4	943.4	936.0	928.6	921.2	891.4	861.7	832.0	802.3	772.6
-57.5°	928.6	921.2	921.2	913.7	906.3	898.9	869.2	839.4	809.7	772.6	750.3
-60°	906.3	898.9	898.9	884.0	876.6	869.2	839.4	809.7	780.0	750.3	720.6
-62.5°	876.6	869.2	861.7	854.3	839.4	824.6	802.3	772.6	735.4	705.7	676.0
-65°	809.7	802.3	794.9	787.4	780.0	772.6	750.3	713.2	683.4	653.7	624.0
-67.5°	728.0	728.0	728.0	713.2	705.7	690.9	676.0	646.3	616.6	586.9	564.6
-70°	631.4	631.4	631.4	616.6	609.2	601.7	579.4	557.2	534.9	512.6	482.9
-72.5°	534.9	527.4	527.4	520.0	505.2	497.7	482.9	468.0	445.7	430.9	408.6
-75°	438.3	430.9	430.9	423.4	416.0	408.6	393.7	386.3	371.4	356.6	334.3
-77.5°	349.2	349.2	349.2	341.7	334.3	326.9	319.4	312.0	304.6	289.7	274.9
-80°	267.4	267.4	267.4	267.4	267.4	267.4	267.4	260.0	245.1	237.7	230.3
-82.5°	193.1	200.6	200.6	200.6	200.6	200.6	200.6	200.6	193.1	185.7	178.3
-85°	126.3	133.7	133.7	141.1	148.6	148.6	156.0	148.6	141.1	126.3	118.9
-87.5°	66.9	66.9	66.9	66.9	66.9	66.9	66.9	59.4	59.4	59.4	52.0
-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	14.9	14.9	14.9
85°	14.9	14.9	14.9	14.9	22.3	22.3	22.3	29.7	29.7	29.7	29.7
82.5°	14.9	22.3	22.3	22.3	29.7	29.7	37.1	44.6	59.4	66.9	66.9
80°	14.9	22.3	22.3	22.3	29.7	29.7	37.1	37.1	44.6	52.0	66.9
77.5°	14.9	14.9	22.3	22.3	22.3	29.7	29.7	37.1	37.1	44.6	52.0
75°	7.4	14.9	14.9	14.9	22.3	22.3	29.7	29.7	37.1	37.1	44.6
72.5°	7.4	14.9	14.9	14.9	22.3	22.3	29.7	29.7	29.7	37.1	37.1
70°	7.4	14.9	14.9	14.9	14.9	22.3	22.3	22.3	29.7	29.7	29.7
67.5°	7.4	7.4	7.4	14.9	14.9	14.9	14.9	22.3	22.3	22.3	29.7
65°	7.4	7.4	7.4	7.4	14.9	14.9	14.9	14.9	22.3	22.3	22.3
62.5°	7.4	7.4	7.4	14.9	14.9	14.9	14.9	14.9	22.3	22.3	22.3
60°	29.7	29.7	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3
57.5°	66.9	66.9	59.4	52.0	44.6	44.6	37.1	29.7	29.7	22.3	22.3
55°	111.4	104.0	96.6	81.7	74.3	66.9	59.4	44.6	37.1	29.7	22.3
52.5°	141.1	133.7	126.3	118.9	104.0	89.1	81.7	74.3	59.4	44.6	37.1
50°	208.0	185.7	170.9	156.0	141.1	126.3	111.4	104.0	81.7	66.9	52.0
47.5°	252.6	237.7	215.4	200.6	185.7	163.4	141.1	126.3	111.4	89.1	66.9
45°	289.7	274.9	252.6	237.7	222.9	200.6	178.3	156.0	141.1	118.9	89.1
42.5°	326.9	312.0	289.7	274.9	252.6	230.3	208.0	185.7	163.4	148.6	118.9
40°	378.9	356.6	326.9	312.0	297.1	267.4	237.7	215.4	193.1	170.9	141.1
37.5°	445.7	423.4	386.3	356.6	334.3	312.0	282.3	252.6	230.3	200.6	170.9
35°	549.7	512.6	460.6	416.0	386.3	356.6	319.4	289.7	260.0	230.3	200.6
32.5°	653.7	594.3	527.4	475.4	430.9	393.7	356.6	326.9	289.7	252.6	222.9
30°	735.4	668.6	601.7	527.4	475.4	430.9	393.7	356.6	319.4	282.3	245.1
27.5°	817.2	742.9	668.6	594.3	520.0	460.6	423.4	386.3	349.2	312.0	267.4
25°	898.9	817.2	742.9	661.2	572.0	505.2	453.2	423.4	386.3	341.7	289.7
22.5°	973.2	898.9	824.6	735.4	631.4	542.3	490.3	453.2	416.0	364.0	319.4
20°	1114.3	1017.7	928.6	817.2	698.3	609.2	542.3	490.3	445.7	393.7	341.7
17.5°	1300.0	1158.9	1040.0	913.7	794.9	683.4	586.9	527.4	482.9	423.4	364.0
15°	1537.7	1292.6	1144.0	1017.7	876.6	750.3	646.3	564.6	505.2	445.7	393.7
12.5°	1716.0	1396.6	1233.2	1114.3	965.7	824.6	690.9	594.3	527.4	468.0	408.6
10°	1916.6	1508.0	1307.5	1173.7	1017.7	861.7	720.6	616.6	542.3	490.3	430.9
7.5°	2080.0	1597.2	1344.6	1196.0	1047.5	891.4	750.3	638.9	564.6	505.2	445.7
5°	2228.6	1671.5	1374.3	1203.5	1062.3	913.7	765.2	653.7	579.4	520.0	460.6
2.5°	2332.6	1738.3	1404.0	1218.3	1077.2	928.6	787.4	668.6	594.3	534.9	475.4
0°	2421.8	1760.6	1396.6	1218.3	1084.6	928.6	794.9	676.0	601.7	542.3	482.9
-2.5°	2451.5	1797.8	1433.7	1233.2	1099.5	943.4	809.7	683.4	609.2	549.7	497.7
-5°	2451.5	1768.0	1433.7	1248.0	1106.9	950.9	809.7	690.9	616.6	557.2	497.7
-7.5°	2362.3	1723.5	1426.3	1262.9	1114.3	958.3	809.7	698.3	624.0	564.6	505.2
-10°	2206.3	1656.6	1418.9	1270.3	1114.3	950.9	809.7	698.3	624.0	564.6	512.6
-12.5°	1953.8	1567.5	1381.7	1255.5	1099.5	936.0	802.3	698.3	624.0	572.0	512.6
-15°	1827.5	1493.2	1337.2	1210.9	1062.3	913.7	787.4	690.9	624.0	572.0	520.0
-17.5°	1656.6	1433.7	1292.6	1166.3	1032.6	891.4	772.6	690.9	624.0	564.6	520.0
-20°	1537.7	1366.9	1240.6	1129.2	995.4	869.2	765.2	683.4	624.0	564.6	520.0



REPORT NUMBER: P724091

CATALOG NUMBER: IFLD-L-SA7D-730-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°	1433.7	1292.6	1181.2	1069.7	950.9	839.4	750.3	676.0	616.6	564.6	520.0
-25°	1352.0	1225.7	1121.7	1017.7	913.7	817.2	735.4	668.6	609.2	564.6	512.6
-27.5°	1277.7	1158.9	1062.3	965.7	869.2	794.9	720.6	661.2	609.2	557.2	505.2
-30°	1196.0	1099.5	1002.9	913.7	846.9	772.6	705.7	646.3	601.7	549.7	497.7
-32.5°	1114.3	1025.2	943.4	876.6	817.2	757.7	698.3	638.9	586.9	534.9	482.9
-35°	1040.0	958.3	898.9	839.4	794.9	742.9	683.4	624.0	579.4	527.4	482.9
-37.5°	965.7	906.3	854.3	809.7	765.2	720.6	661.2	609.2	564.6	512.6	460.6
-40°	906.3	861.7	824.6	787.4	742.9	690.9	646.3	594.3	549.7	497.7	438.3
-42.5°	869.2	832.0	794.9	757.7	720.6	676.0	631.4	579.4	534.9	482.9	423.4
-45°	832.0	802.3	772.6	742.9	705.7	661.2	609.2	557.2	512.6	460.6	416.0
-47.5°	809.7	780.0	750.3	728.0	698.3	638.9	594.3	542.3	490.3	445.7	393.7
-50°	787.4	757.7	735.4	705.7	668.6	616.6	572.0	520.0	475.4	423.4	378.9
-52.5°	765.2	735.4	705.7	676.0	638.9	594.3	549.7	505.2	453.2	401.2	356.6
-55°	742.9	713.2	683.4	653.7	616.6	579.4	534.9	475.4	423.4	371.4	326.9
-57.5°	720.6	698.3	661.2	624.0	586.9	549.7	497.7	445.7	393.7	341.7	304.6
-60°	690.9	661.2	631.4	586.9	549.7	505.2	460.6	416.0	364.0	319.4	282.3
-62.5°	646.3	616.6	586.9	542.3	505.2	468.0	430.9	378.9	341.7	297.1	260.0
-65°	594.3	564.6	534.9	497.7	460.6	423.4	393.7	349.2	312.0	274.9	245.1
-67.5°	534.9	505.2	482.9	445.7	416.0	378.9	349.2	312.0	274.9	245.1	215.4
-70°	460.6	438.3	416.0	386.3	356.6	326.9	297.1	267.4	237.7	215.4	185.7
-72.5°	393.7	371.4	349.2	326.9	304.6	274.9	252.6	230.3	208.0	185.7	170.9
-75°	319.4	304.6	289.7	274.9	252.6	230.3	215.4	193.1	178.3	163.4	156.0
-77.5°	267.4	252.6	237.7	222.9	208.0	193.1	178.3	163.4	156.0	148.6	141.1
-80°	215.4	208.0	200.6	185.7	178.3	163.4	156.0	141.1	141.1	141.1	141.1
-82.5°	170.9	163.4	156.0	148.6	141.1	133.7	133.7	126.3	133.7	133.7	126.3
-85°	118.9	111.4	104.0	104.0	96.6	96.6	89.1	89.1	89.1	81.7	81.7
-87.5°	52.0	52.0	52.0	52.0	44.6	44.6	44.6	44.6	44.6	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: P724091  
 CATALOG NUMBER: IFLD-L-SA7D-730-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°	14.9	14.9	7.4	7.4	7.4	7.4	7.4	7.4	7.4	0.0	0.0
85°	29.7	29.7	22.3	22.3	22.3	14.9	14.9	7.4	7.4	7.4	7.4
82.5°	66.9	59.4	52.0	44.6	37.1	29.7	22.3	14.9	14.9	7.4	7.4
80°	81.7	81.7	81.7	74.3	59.4	44.6	29.7	22.3	14.9	7.4	7.4
77.5°	59.4	59.4	66.9	74.3	74.3	59.4	37.1	22.3	14.9	14.9	7.4
75°	44.6	44.6	44.6	52.0	59.4	59.4	44.6	29.7	14.9	14.9	7.4
72.5°	44.6	44.6	44.6	44.6	44.6	44.6	44.6	29.7	22.3	14.9	14.9
70°	37.1	37.1	37.1	37.1	37.1	37.1	37.1	29.7	22.3	14.9	14.9
67.5°	29.7	29.7	37.1	37.1	37.1	29.7	29.7	29.7	22.3	14.9	14.9
65°	22.3	29.7	29.7	37.1	29.7	29.7	29.7	22.3	22.3	14.9	14.9
62.5°	22.3	22.3	29.7	29.7	29.7	29.7	22.3	22.3	22.3	14.9	14.9
60°	22.3	22.3	22.3	29.7	22.3	22.3	22.3	22.3	22.3	14.9	14.9
57.5°	22.3	22.3	22.3	22.3	22.3	22.3	22.3	14.9	14.9	14.9	14.9
55°	22.3	22.3	22.3	22.3	22.3	22.3	14.9	14.9	14.9	14.9	14.9
52.5°	29.7	22.3	22.3	22.3	22.3	22.3	14.9	14.9	14.9	14.9	14.9
50°	37.1	22.3	22.3	22.3	22.3	14.9	14.9	14.9	14.9	14.9	14.9
47.5°	52.0	37.1	29.7	22.3	22.3	14.9	14.9	14.9	14.9	14.9	7.4
45°	74.3	52.0	37.1	29.7	22.3	14.9	14.9	14.9	14.9	14.9	7.4
42.5°	89.1	66.9	44.6	37.1	29.7	22.3	14.9	14.9	14.9	7.4	7.4
40°	111.4	89.1	59.4	44.6	29.7	22.3	14.9	14.9	14.9	7.4	7.4
37.5°	141.1	111.4	74.3	52.0	37.1	22.3	22.3	14.9	14.9	7.4	7.4
35°	163.4	126.3	96.6	59.4	44.6	29.7	22.3	14.9	14.9	7.4	7.4
32.5°	185.7	148.6	118.9	74.3	52.0	37.1	29.7	14.9	14.9	7.4	7.4
30°	208.0	170.9	133.7	96.6	66.9	44.6	29.7	14.9	14.9	7.4	7.4
27.5°	230.3	185.7	148.6	111.4	74.3	52.0	37.1	22.3	14.9	7.4	7.4
25°	252.6	208.0	163.4	126.3	81.7	59.4	37.1	22.3	14.9	14.9	7.4
22.5°	267.4	230.3	185.7	141.1	96.6	66.9	44.6	29.7	14.9	14.9	7.4
20°	289.7	252.6	200.6	156.0	111.4	74.3	44.6	29.7	14.9	14.9	7.4
17.5°	312.0	267.4	215.4	170.9	126.3	81.7	52.0	37.1	14.9	14.9	7.4
15°	334.3	282.3	230.3	178.3	133.7	89.1	52.0	37.1	14.9	14.9	7.4
12.5°	356.6	304.6	245.1	193.1	141.1	96.6	59.4	44.6	22.3	14.9	7.4
10°	371.4	319.4	260.0	200.6	148.6	111.4	66.9	44.6	22.3	14.9	7.4
7.5°	393.7	334.3	274.9	215.4	156.0	118.9	74.3	44.6	22.3	14.9	7.4
5°	401.2	349.2	282.3	230.3	163.4	126.3	81.7	52.0	22.3	14.9	7.4
2.5°	408.6	364.0	289.7	237.7	170.9	126.3	81.7	52.0	29.7	14.9	7.4
0°	416.0	371.4	297.1	245.1	178.3	133.7	89.1	52.0	29.7	14.9	7.4
-2.5°	423.4	378.9	312.0	252.6	185.7	141.1	96.6	52.0	29.7	14.9	7.4
-5°	430.9	378.9	326.9	260.0	193.1	141.1	96.6	59.4	37.1	14.9	7.4
-7.5°	438.3	386.3	334.3	267.4	200.6	141.1	104.0	59.4	37.1	22.3	7.4
-10°	445.7	393.7	341.7	274.9	200.6	148.6	104.0	59.4	37.1	22.3	7.4
-12.5°	453.2	401.2	341.7	274.9	208.0	148.6	104.0	66.9	37.1	22.3	7.4
-15°	460.6	401.2	341.7	274.9	208.0	156.0	111.4	66.9	37.1	22.3	14.9
-17.5°	460.6	401.2	341.7	282.3	208.0	156.0	111.4	66.9	37.1	22.3	14.9
-20°	460.6	401.2	341.7	282.3	208.0	156.0	111.4	66.9	37.1	22.3	14.9



REPORT NUMBER: P724091  
 CATALOG NUMBER: IFLD-L-SA7D-730-U-22-VI

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	453.2	393.7	341.7	274.9	208.0	156.0	111.4	66.9	44.6	22.3	14.9
-25°	453.2	393.7	341.7	274.9	208.0	156.0	104.0	66.9	44.6	22.3	14.9
-27.5°	445.7	393.7	334.3	267.4	200.6	148.6	104.0	66.9	44.6	22.3	14.9
-30°	438.3	386.3	326.9	260.0	200.6	148.6	104.0	66.9	44.6	22.3	14.9
-32.5°	430.9	371.4	319.4	252.6	193.1	141.1	104.0	66.9	44.6	22.3	14.9
-35°	416.0	364.0	304.6	245.1	185.7	141.1	96.6	66.9	44.6	29.7	14.9
-37.5°	401.2	349.2	297.1	237.7	178.3	133.7	96.6	66.9	44.6	29.7	14.9
-40°	386.3	341.7	282.3	222.9	170.9	126.3	96.6	66.9	44.6	29.7	22.3
-42.5°	371.4	326.9	274.9	215.4	170.9	126.3	89.1	66.9	44.6	29.7	22.3
-45°	364.0	319.4	260.0	208.0	163.4	126.3	89.1	59.4	44.6	29.7	22.3
-47.5°	349.2	297.1	245.1	200.6	156.0	118.9	81.7	59.4	44.6	29.7	22.3
-50°	326.9	282.3	237.7	193.1	148.6	111.4	81.7	59.4	44.6	29.7	22.3
-52.5°	304.6	260.0	222.9	178.3	141.1	111.4	81.7	59.4	44.6	29.7	22.3
-55°	282.3	245.1	208.0	170.9	133.7	104.0	74.3	59.4	44.6	29.7	22.3
-57.5°	267.4	230.3	193.1	156.0	126.3	96.6	74.3	52.0	37.1	29.7	22.3
-60°	252.6	215.4	178.3	148.6	118.9	96.6	74.3	52.0	37.1	29.7	14.9
-62.5°	230.3	200.6	163.4	141.1	111.4	89.1	66.9	52.0	37.1	29.7	14.9
-65°	208.0	178.3	148.6	126.3	104.0	81.7	66.9	52.0	37.1	29.7	14.9
-67.5°	185.7	163.4	141.1	118.9	96.6	81.7	66.9	52.0	37.1	22.3	14.9
-70°	170.9	148.6	126.3	111.4	96.6	74.3	66.9	52.0	37.1	22.3	14.9
-72.5°	148.6	133.7	118.9	104.0	89.1	81.7	66.9	52.0	29.7	22.3	14.9
-75°	141.1	126.3	111.4	104.0	96.6	81.7	66.9	44.6	29.7	22.3	14.9
-77.5°	141.1	126.3	118.9	111.4	96.6	81.7	59.4	37.1	22.3	22.3	14.9
-80°	141.1	133.7	126.3	104.0	89.1	66.9	44.6	37.1	22.3	14.9	7.4
-82.5°	126.3	104.0	89.1	74.3	66.9	52.0	37.1	29.7	14.9	14.9	7.4
-85°	81.7	66.9	59.4	52.0	44.6	37.1	22.3	14.9	14.9	7.4	7.4
-87.5°	37.1	37.1	29.7	22.3	22.3	14.9	14.9	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: P724091  
 CATALOG NUMBER: IFLD-L-SA7D-730-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: P724091  
 CATALOG NUMBER: IFLD-L-SA7D-730-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)