

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: P724061

Luminaire Tested: **IFLD-L-SA7C-727-U-22-VI**

Issue Date: 01/11/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P724061  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 01/11/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-L-SA7C-727-U-22-VI  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 2 distribution lens and Visor  
Light Source: (112) 2700K CCT, 70 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

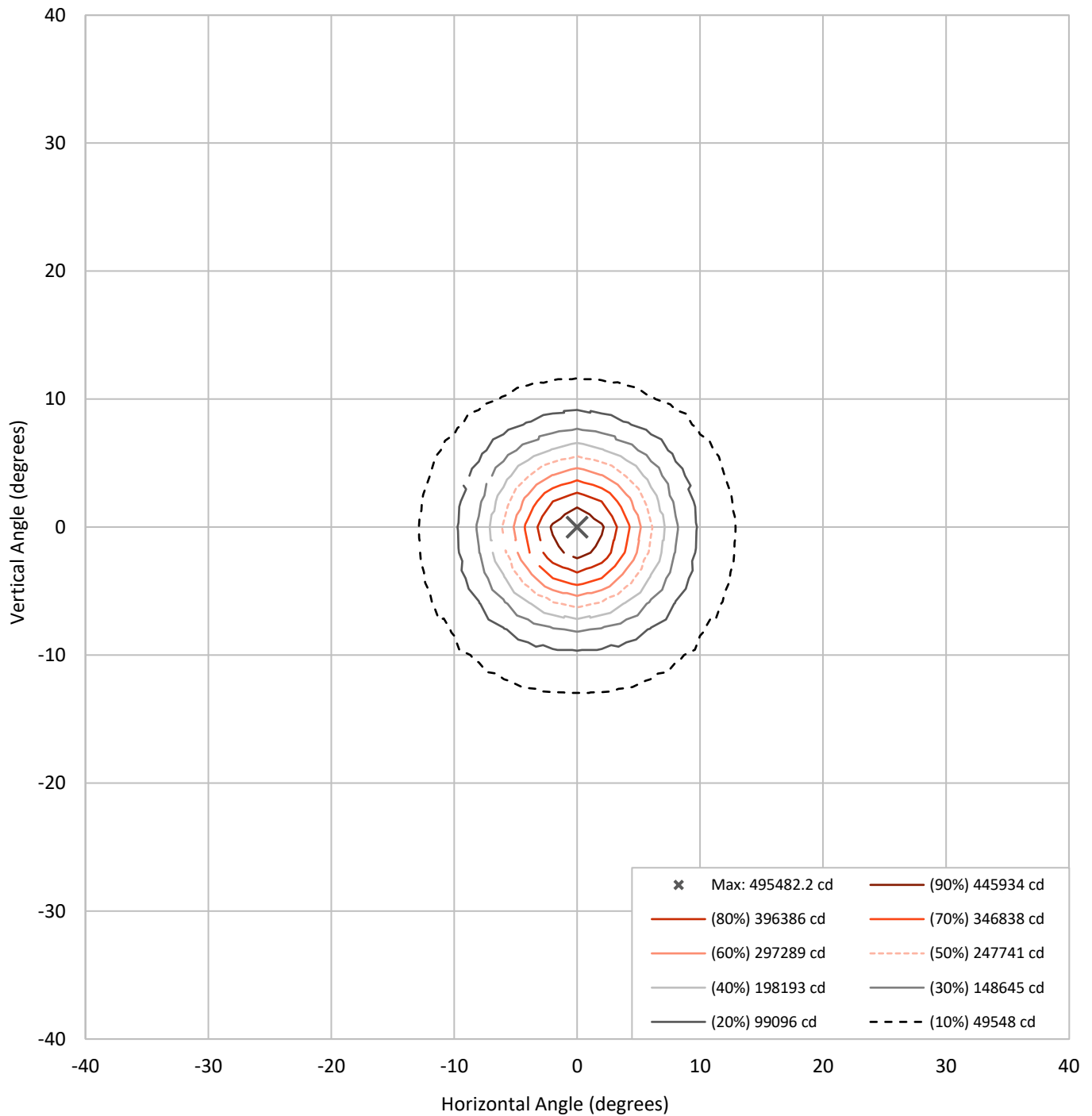
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	34609.6 lumens	Max Intensity:	495482.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	93.8 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	12.2°H x 11.7°V	Field Angle (10%):	25.1°H x 24.3°V
Beam Lumens:	10827.5 lumens	Field Lumens:	24636.4 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





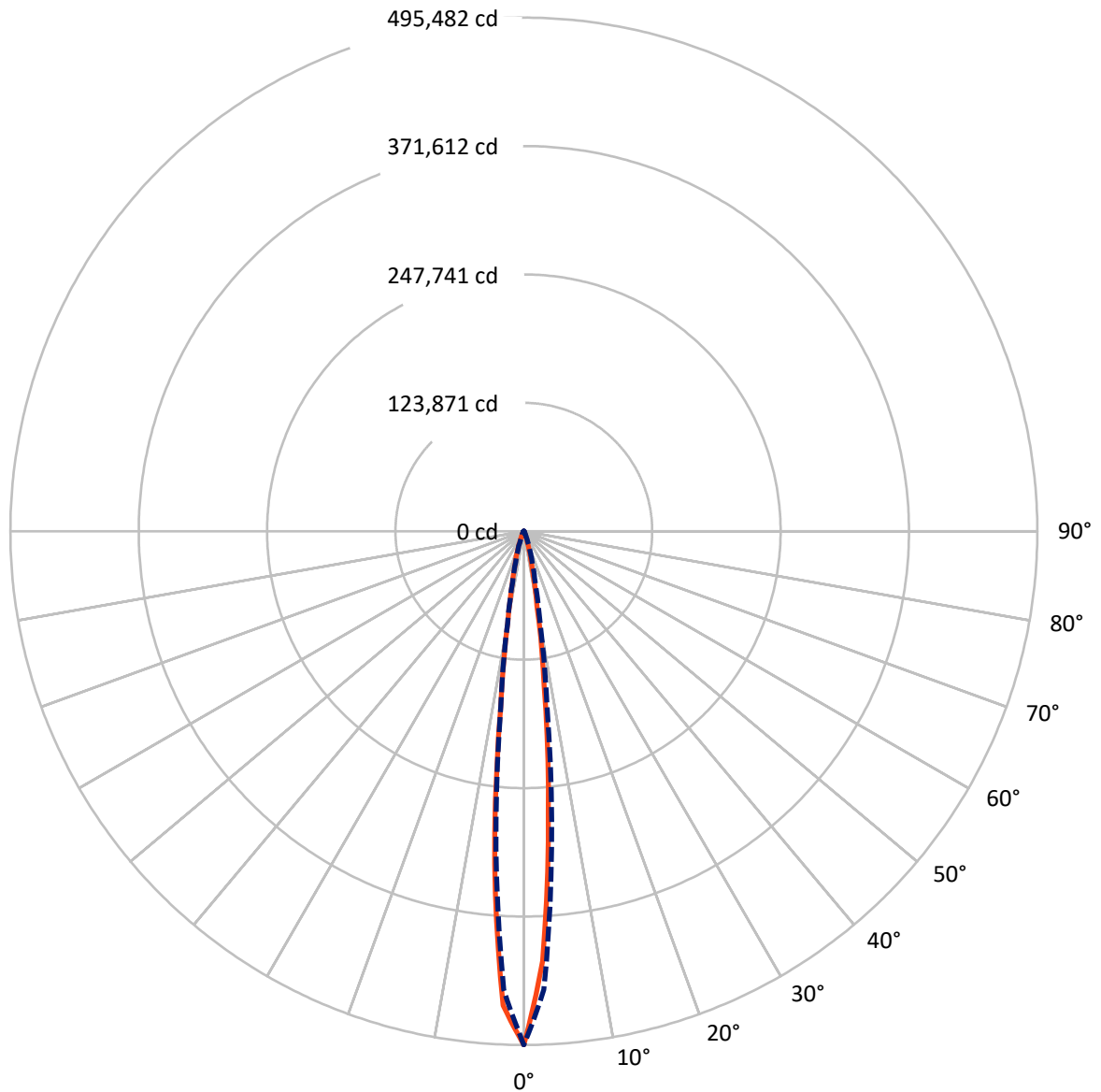
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### Lumen Table

90	0.2	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	25.2	25.2	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	46.2	74.5	74.5	46.2	23.9	13.9	7.6	3.7	1.0	0.3			
20		1.5	5.0	10.4	21.1	52.2	272.7	689.8	689.8	272.7	52.2	21.1	10.4	5.0	1.5				
10	0.6	1.9	5.9	12.2	25.7	106.0	878.2	5411.7	5411.7	878.2	106.0	25.7	12.2	5.9	1.9	0.6			
0		2.2	6.4	13.0	26.8	120.8	966.4	5959.7	5959.7	966.4	120.8	26.8	13.0	6.4	2.2				
-10	0.7	2.4	6.7	12.9	25.1	72.4	433.7	1045.2	1045.2	433.7	72.4	25.1	12.9	6.7	2.4	0.7			
-20		2.4	6.6	12.2	21.3	36.9	89.6	168.4	168.4	89.6	36.9	21.3	12.2	6.6	2.4				
-30	0.7	2.1	6.1	11.3	17.7	26.2	37.0	43.5	43.5	37.0	26.2	17.7	11.3	6.1	2.1	0.7			
-40		1.8	5.3	10.1	15.4	20.3	25.7	28.6	28.6	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		13.0		23.9		28.8		23.9		13.0		4.7		0.3			
-80		4.7		13.0		23.9		28.8		23.9		13.0		4.7					
-90	0.3	4.7		13.0		23.9		28.8		23.9		13.0		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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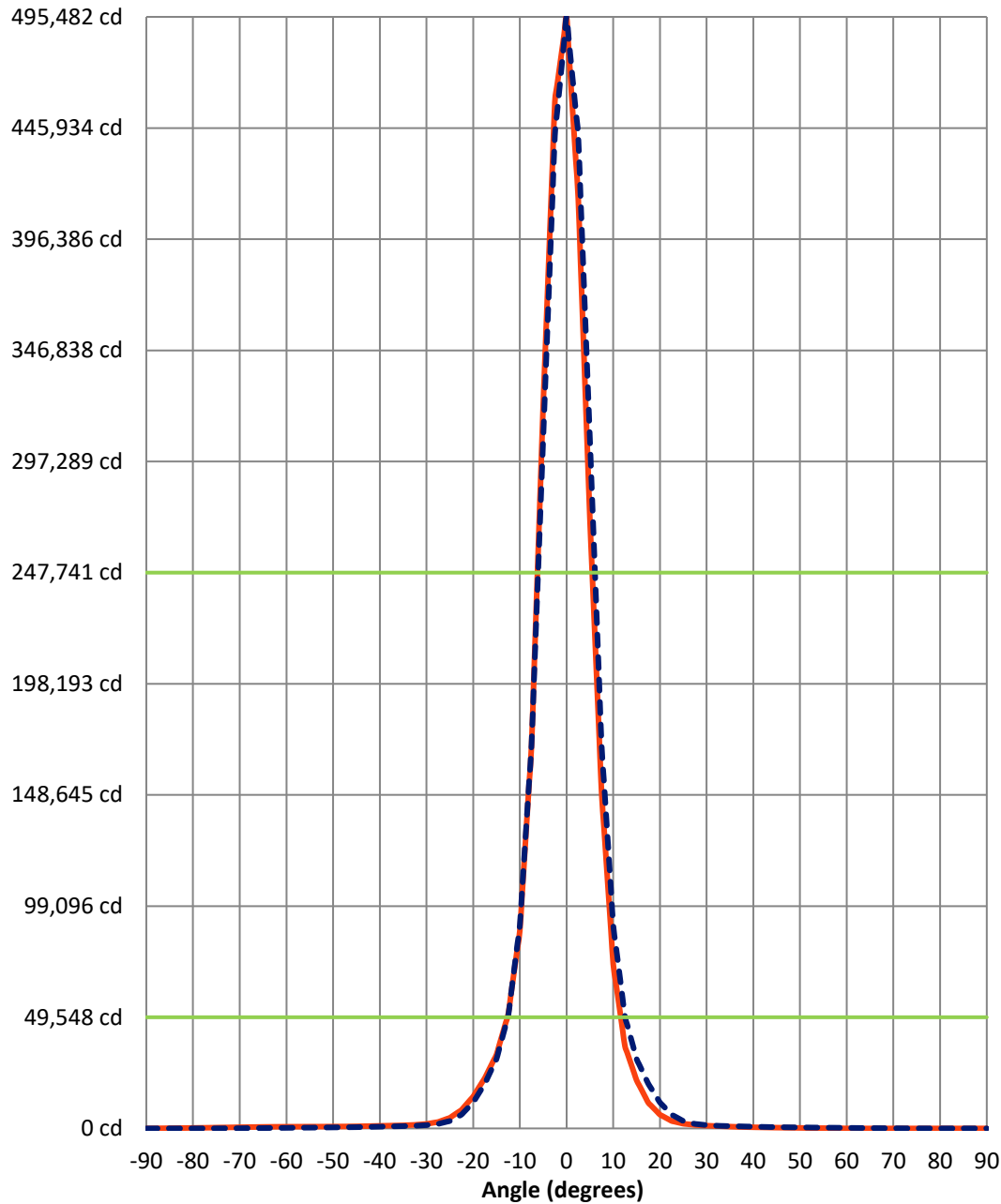
### Luminous Intensity Polar Plot



— 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: 10827.5  
 Efficiency: 31.3%

**Field:**  
 H Angle: 25.1°  
 V Angle: 24.3°  
 Lumens: 24636.4  
 Efficiency: 71.2%

**Spill:**  
 Lumens: 9973.2  
 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°	99.2	99.2	93.0	86.8	80.6	74.4	74.4	74.4	74.4	74.4	62.0
55°	136.4	136.4	136.4	130.2	130.2	124.0	117.8	111.6	111.6	105.4	99.2
52.5°	161.2	161.2	161.2	161.2	155.0	155.0	155.0	148.8	136.4	136.4	130.2
50°	229.4	223.2	223.2	223.2	223.2	210.8	204.6	192.2	186.0	179.8	173.6
47.5°	297.6	297.6	291.4	291.4	285.2	272.8	260.4	248.0	235.6	229.4	217.0
45°	353.4	353.4	347.2	347.2	341.0	328.6	310.0	291.4	279.0	266.6	254.2
42.5°	434.0	427.8	421.6	415.4	403.0	384.4	359.6	334.8	316.2	297.6	285.2
40°	520.8	520.8	514.6	508.4	489.8	471.2	440.2	409.2	378.2	341.0	322.4
37.5°	626.2	632.4	638.6	638.6	626.2	601.4	558.0	520.8	471.2	421.6	396.8
35°	818.5	818.5	830.9	830.9	812.3	781.3	750.3	669.6	607.6	545.6	489.8
32.5°	1029.3	1035.5	1010.7	992.1	967.3	930.1	874.3	806.1	737.9	657.2	595.2
30°	1233.9	1233.9	1202.9	1165.7	1116.1	1054.1	985.9	911.5	830.9	750.3	675.8
27.5°	1556.3	1525.3	1500.5	1438.5	1351.7	1233.9	1147.1	1029.3	923.9	830.9	750.3
25°	2089.5	2083.3	2027.5	1922.1	1748.5	1562.5	1419.9	1221.5	1060.3	917.7	824.7
22.5°	3323.4	3280.0	3149.8	2889.4	2480.2	2157.7	1866.3	1556.3	1264.9	1072.7	923.9
20°	6144.6	6002.0	5654.8	4935.5	4017.9	3385.4	2660.0	2139.1	1649.3	1289.7	1066.5
17.5°	11464.6	11371.6	11241.4	9579.7	7713.3	6374.0	4743.3	3280.0	2343.8	1686.5	1264.9
15°	21490.7	20802.4	19363.9	17373.6	14763.2	11408.8	8389.2	5295.2	3348.2	2244.6	1605.9
12.5°	36737.5	35974.9	32260.8	27281.9	22588.1	17813.8	12506.3	8048.2	4768.1	2852.2	1903.5
10°	73202.2	67665.2	57267.1	42739.5	33358.3	24876.1	17559.6	10981.0	6206.6	3602.4	2257.0
7.5°	149932.5	131839.6	101594.0	71720.3	46422.6	32626.6	22426.9	14360.2	8271.4	4507.7	2579.4
5°	271746.0	239646.4	180544.0	108712.1	67411.0	40891.8	26612.2	17076.0	9790.5	5245.6	2901.8
2.5°	414938.7	373414.4	261019.3	149486.1	83122.9	47290.6	29538.8	18861.7	10757.7	5747.8	3149.8
0°	495482.2	442592.6	307392.3	171144.1	90606.8	50006.4	30971.1	19934.4	11576.2	6157.0	3311.0
-2.5°	457703.0	415124.7	282497.6	158978.9	86582.7	48815.9	31175.7	20201.0	11712.6	6268.6	3385.4
-5°	322589.5	287643.9	195468.4	117318.2	73462.6	44965.5	29414.8	19196.5	11334.4	6107.4	3354.4
-7.5°	170666.7	154855.6	115923.2	84301.0	53621.3	38058.2	26482.0	17417.0	10354.7	5673.4	3168.4
-10°	88176.2	84933.4	73189.8	55171.4	43390.6	31882.6	22600.6	14893.4	8655.8	4885.9	2852.2
-12.5°	50837.3	50285.4	46509.4	39924.5	33271.5	26190.6	18545.5	12146.6	7223.5	4048.9	2405.8
-15°	32918.1	33153.7	31839.2	29098.6	25310.1	19599.5	14248.6	9034.0	5344.8	3280.0	2120.5
-17.5°	22464.1	22402.1	21788.3	19909.6	16859.0	13237.9	9443.2	6380.2	4048.9	2554.6	1760.9
-20°	14211.4	14236.2	13665.7	12369.8	10125.3	8159.8	5878.0	4303.1	2870.8	2008.9	1556.3



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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°	8246.6	8265.2	7905.5	7173.9	5995.8	4836.3	3819.5	2846.0	2114.3	1674.1	1364.1
-25°	4737.1	4662.7	4520.1	4166.7	3614.8	2982.4	2536.0	2002.7	1692.7	1419.9	1246.3
-27.5°	2870.8	2821.2	2746.8	2591.8	2374.8	2058.5	1853.9	1618.3	1438.5	1277.3	1171.9
-30°	2002.7	2021.3	1959.3	1878.7	1779.5	1636.9	1525.3	1413.7	1295.9	1196.7	1097.5
-32.5°	1593.5	1605.9	1574.9	1543.9	1494.3	1438.5	1370.3	1289.7	1196.7	1103.7	1010.7
-35°	1370.3	1376.5	1376.5	1370.3	1357.9	1314.5	1264.9	1190.5	1103.7	1016.9	936.3
-37.5°	1258.7	1264.9	1264.9	1258.7	1240.1	1202.9	1153.3	1091.3	1010.7	930.1	868.1
-40°	1140.9	1147.1	1140.9	1128.5	1109.9	1072.7	1035.5	985.9	923.9	855.7	799.9
-42.5°	1029.3	1023.1	1016.9	1004.5	985.9	961.1	930.1	892.9	849.5	799.9	756.5
-45°	923.9	923.9	917.7	911.5	899.1	880.5	861.9	830.9	799.9	762.7	725.4
-47.5°	868.1	868.1	861.9	855.7	849.5	837.1	818.5	793.7	768.9	737.9	706.8
-50°	830.9	830.9	830.9	824.7	818.5	806.1	787.5	768.9	744.1	713.0	682.0
-52.5°	806.1	806.1	806.1	799.9	793.7	787.5	768.9	744.1	713.0	688.2	663.4
-55°	793.7	787.5	787.5	781.3	775.1	768.9	744.1	719.2	694.4	669.6	644.8
-57.5°	775.1	768.9	768.9	762.7	756.5	750.3	725.4	700.6	675.8	644.8	626.2
-60°	756.5	750.3	750.3	737.9	731.7	725.4	700.6	675.8	651.0	626.2	601.4
-62.5°	731.7	725.4	719.2	713.0	700.6	688.2	669.6	644.8	613.8	589.0	564.2
-65°	675.8	669.6	663.4	657.2	651.0	644.8	626.2	595.2	570.4	545.6	520.8
-67.5°	607.6	607.6	607.6	595.2	589.0	576.6	564.2	539.4	514.6	489.8	471.2
-70°	527.0	527.0	527.0	514.6	508.4	502.2	483.6	465.0	446.4	427.8	403.0
-72.5°	446.4	440.2	440.2	434.0	421.6	415.4	403.0	390.6	372.0	359.6	341.0
-75°	365.8	359.6	359.6	353.4	347.2	341.0	328.6	322.4	310.0	297.6	279.0
-77.5°	291.4	291.4	291.4	285.2	279.0	272.8	266.6	260.4	254.2	241.8	229.4
-80°	223.2	223.2	223.2	223.2	223.2	223.2	223.2	217.0	204.6	198.4	192.2
-82.5°	161.2	167.4	167.4	167.4	167.4	167.4	167.4	167.4	161.2	155.0	148.8
-85°	105.4	111.6	111.6	117.8	124.0	124.0	130.2	124.0	117.8	105.4	99.2
-87.5°	55.8	55.8	55.8	55.8	55.8	55.8	55.8	49.6	49.6	49.6	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	49.6	55.8	55.8
80°	12.4	18.6	18.6	18.6	24.8	24.8	31.0	31.0	37.2	43.4	55.8
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°	55.8	55.8	49.6	43.4	37.2	37.2	31.0	24.8	24.8	18.6	18.6
55°	93.0	86.8	80.6	68.2	62.0	55.8	49.6	37.2	31.0	24.8	18.6
52.5°	117.8	111.6	105.4	99.2	86.8	74.4	68.2	62.0	49.6	37.2	31.0
50°	173.6	155.0	142.6	130.2	117.8	105.4	93.0	86.8	68.2	55.8	43.4
47.5°	210.8	198.4	179.8	167.4	155.0	136.4	117.8	105.4	93.0	74.4	55.8
45°	241.8	229.4	210.8	198.4	186.0	167.4	148.8	130.2	117.8	99.2	74.4
42.5°	272.8	260.4	241.8	229.4	210.8	192.2	173.6	155.0	136.4	124.0	99.2
40°	316.2	297.6	272.8	260.4	248.0	223.2	198.4	179.8	161.2	142.6	117.8
37.5°	372.0	353.4	322.4	297.6	279.0	260.4	235.6	210.8	192.2	167.4	142.6
35°	458.8	427.8	384.4	347.2	322.4	297.6	266.6	241.8	217.0	192.2	167.4
32.5°	545.6	496.0	440.2	396.8	359.6	328.6	297.6	272.8	241.8	210.8	186.0
30°	613.8	558.0	502.2	440.2	396.8	359.6	328.6	297.6	266.6	235.6	204.6
27.5°	682.0	620.0	558.0	496.0	434.0	384.4	353.4	322.4	291.4	260.4	223.2
25°	750.3	682.0	620.0	551.8	477.4	421.6	378.2	353.4	322.4	285.2	241.8
22.5°	812.3	750.3	688.2	613.8	527.0	452.6	409.2	378.2	347.2	303.8	266.6
20°	930.1	849.5	775.1	682.0	582.8	508.4	452.6	409.2	372.0	328.6	285.2
17.5°	1085.1	967.3	868.1	762.7	663.4	570.4	489.8	440.2	403.0	353.4	303.8
15°	1283.5	1078.9	954.9	849.5	731.7	626.2	539.4	471.2	421.6	372.0	328.6
12.5°	1432.3	1165.7	1029.3	930.1	806.1	688.2	576.6	496.0	440.2	390.6	341.0
10°	1599.7	1258.7	1091.3	979.7	849.5	719.2	601.4	514.6	452.6	409.2	359.6
7.5°	1736.1	1333.1	1122.3	998.3	874.3	744.1	626.2	533.2	471.2	421.6	372.0
5°	1860.1	1395.1	1147.1	1004.5	886.7	762.7	638.6	545.6	483.6	434.0	384.4
2.5°	1946.9	1450.9	1171.9	1016.9	899.1	775.1	657.2	558.0	496.0	446.4	396.8
0°	2021.3	1469.5	1165.7	1016.9	905.3	775.1	663.4	564.2	502.2	452.6	403.0
-2.5°	2046.1	1500.5	1196.7	1029.3	917.7	787.5	675.8	570.4	508.4	458.8	415.4
-5°	2046.1	1475.7	1196.7	1041.7	923.9	793.7	675.8	576.6	514.6	465.0	415.4
-7.5°	1971.7	1438.5	1190.5	1054.1	930.1	799.9	675.8	582.8	520.8	471.2	421.6
-10°	1841.5	1382.7	1184.3	1060.3	930.1	793.7	675.8	582.8	520.8	471.2	427.8
-12.5°	1630.7	1308.3	1153.3	1047.9	917.7	781.3	669.6	582.8	520.8	477.4	427.8
-15°	1525.3	1246.3	1116.1	1010.7	886.7	762.7	657.2	576.6	520.8	477.4	434.0
-17.5°	1382.7	1196.7	1078.9	973.5	861.9	744.1	644.8	576.6	520.8	471.2	434.0
-20°	1283.5	1140.9	1035.5	942.5	830.9	725.4	638.6	570.4	520.8	471.2	434.0



REPORT NUMBER: P724061  
 CATALOG NUMBER: IFLD-L-SA7C-727-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°	1196.7	1078.9	985.9	892.9	793.7	700.6	626.2	564.2	514.6	471.2	434.0
-25°	1128.5	1023.1	936.3	849.5	762.7	682.0	613.8	558.0	508.4	471.2	427.8
-27.5°	1066.5	967.3	886.7	806.1	725.4	663.4	601.4	551.8	508.4	465.0	421.6
-30°	998.3	917.7	837.1	762.7	706.8	644.8	589.0	539.4	502.2	458.8	415.4
-32.5°	930.1	855.7	787.5	731.7	682.0	632.4	582.8	533.2	489.8	446.4	403.0
-35°	868.1	799.9	750.3	700.6	663.4	620.0	570.4	520.8	483.6	440.2	403.0
-37.5°	806.1	756.5	713.0	675.8	638.6	601.4	551.8	508.4	471.2	427.8	384.4
-40°	756.5	719.2	688.2	657.2	620.0	576.6	539.4	496.0	458.8	415.4	365.8
-42.5°	725.4	694.4	663.4	632.4	601.4	564.2	527.0	483.6	446.4	403.0	353.4
-45°	694.4	669.6	644.8	620.0	589.0	551.8	508.4	465.0	427.8	384.4	347.2
-47.5°	675.8	651.0	626.2	607.6	582.8	533.2	496.0	452.6	409.2	372.0	328.6
-50°	657.2	632.4	613.8	589.0	558.0	514.6	477.4	434.0	396.8	353.4	316.2
-52.5°	638.6	613.8	589.0	564.2	533.2	496.0	458.8	421.6	378.2	334.8	297.6
-55°	620.0	595.2	570.4	545.6	514.6	483.6	446.4	396.8	353.4	310.0	272.8
-57.5°	601.4	582.8	551.8	520.8	489.8	458.8	415.4	372.0	328.6	285.2	254.2
-60°	576.6	551.8	527.0	489.8	458.8	421.6	384.4	347.2	303.8	266.6	235.6
-62.5°	539.4	514.6	489.8	452.6	421.6	390.6	359.6	316.2	285.2	248.0	217.0
-65°	496.0	471.2	446.4	415.4	384.4	353.4	328.6	291.4	260.4	229.4	204.6
-67.5°	446.4	421.6	403.0	372.0	347.2	316.2	291.4	260.4	229.4	204.6	179.8
-70°	384.4	365.8	347.2	322.4	297.6	272.8	248.0	223.2	198.4	179.8	155.0
-72.5°	328.6	310.0	291.4	272.8	254.2	229.4	210.8	192.2	173.6	155.0	142.6
-75°	266.6	254.2	241.8	229.4	210.8	192.2	179.8	161.2	148.8	136.4	130.2
-77.5°	223.2	210.8	198.4	186.0	173.6	161.2	148.8	136.4	130.2	124.0	117.8
-80°	179.8	173.6	167.4	155.0	148.8	136.4	130.2	117.8	117.8	117.8	117.8
-82.5°	142.6	136.4	130.2	124.0	117.8	111.6	111.6	105.4	111.6	111.6	105.4
-85°	99.2	93.0	86.8	86.8	80.6	80.6	74.4	74.4	74.4	68.2	68.2
-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: P724061  
 CATALOG NUMBER: IFLD-L-SA7C-727-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°	55.8	49.6	43.4	37.2	31.0	24.8	18.6	12.4	12.4	6.2	6.2
80°	68.2	68.2	68.2	62.0	49.6	37.2	24.8	18.6	12.4	6.2	6.2
77.5°	49.6	49.6	55.8	62.0	62.0	49.6	31.0	18.6	12.4	12.4	6.2
75°	37.2	37.2	37.2	43.4	49.6	49.6	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°	62.0	43.4	31.0	24.8	18.6	12.4	12.4	12.4	12.4	12.4	6.2
42.5°	74.4	55.8	37.2	31.0	24.8	18.6	12.4	12.4	12.4	6.2	6.2
40°	93.0	74.4	49.6	37.2	24.8	18.6	12.4	12.4	12.4	6.2	6.2
37.5°	117.8	93.0	62.0	43.4	31.0	18.6	18.6	12.4	12.4	6.2	6.2
35°	136.4	105.4	80.6	49.6	37.2	24.8	18.6	12.4	12.4	6.2	6.2
32.5°	155.0	124.0	99.2	62.0	43.4	31.0	24.8	12.4	12.4	6.2	6.2
30°	173.6	142.6	111.6	80.6	55.8	37.2	24.8	12.4	12.4	6.2	6.2
27.5°	192.2	155.0	124.0	93.0	62.0	43.4	31.0	18.6	12.4	6.2	6.2
25°	210.8	173.6	136.4	105.4	68.2	49.6	31.0	18.6	12.4	12.4	6.2
22.5°	223.2	192.2	155.0	117.8	80.6	55.8	37.2	24.8	12.4	12.4	6.2
20°	241.8	210.8	167.4	130.2	93.0	62.0	37.2	24.8	12.4	12.4	6.2
17.5°	260.4	223.2	179.8	142.6	105.4	68.2	43.4	31.0	12.4	12.4	6.2
15°	279.0	235.6	192.2	148.8	111.6	74.4	43.4	31.0	12.4	12.4	6.2
12.5°	297.6	254.2	204.6	161.2	117.8	80.6	49.6	37.2	18.6	12.4	6.2
10°	310.0	266.6	217.0	167.4	124.0	93.0	55.8	37.2	18.6	12.4	6.2
7.5°	328.6	279.0	229.4	179.8	130.2	99.2	62.0	37.2	18.6	12.4	6.2
5°	334.8	291.4	235.6	192.2	136.4	105.4	68.2	43.4	18.6	12.4	6.2
2.5°	341.0	303.8	241.8	198.4	142.6	105.4	68.2	43.4	24.8	12.4	6.2
0°	347.2	310.0	248.0	204.6	148.8	111.6	74.4	43.4	24.8	12.4	6.2
-2.5°	353.4	316.2	260.4	210.8	155.0	117.8	80.6	43.4	24.8	12.4	6.2
-5°	359.6	316.2	272.8	217.0	161.2	117.8	80.6	49.6	31.0	12.4	6.2
-7.5°	365.8	322.4	279.0	223.2	167.4	117.8	86.8	49.6	31.0	18.6	6.2
-10°	372.0	328.6	285.2	229.4	167.4	124.0	86.8	49.6	31.0	18.6	6.2
-12.5°	378.2	334.8	285.2	229.4	173.6	124.0	86.8	55.8	31.0	18.6	6.2
-15°	384.4	334.8	285.2	229.4	173.6	130.2	93.0	55.8	31.0	18.6	12.4
-17.5°	384.4	334.8	285.2	235.6	173.6	130.2	93.0	55.8	31.0	18.6	12.4
-20°	384.4	334.8	285.2	235.6	173.6	130.2	93.0	55.8	31.0	18.6	12.4



REPORT NUMBER: P724061  
 CATALOG NUMBER: IFLD-L-SA7C-727-U-22-VI

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	378.2	328.6	285.2	229.4	173.6	130.2	93.0	55.8	37.2	18.6	12.4
-25°	378.2	328.6	285.2	229.4	173.6	130.2	86.8	55.8	37.2	18.6	12.4
-27.5°	372.0	328.6	279.0	223.2	167.4	124.0	86.8	55.8	37.2	18.6	12.4
-30°	365.8	322.4	272.8	217.0	167.4	124.0	86.8	55.8	37.2	18.6	12.4
-32.5°	359.6	310.0	266.6	210.8	161.2	117.8	86.8	55.8	37.2	18.6	12.4
-35°	347.2	303.8	254.2	204.6	155.0	117.8	80.6	55.8	37.2	24.8	12.4
-37.5°	334.8	291.4	248.0	198.4	148.8	111.6	80.6	55.8	37.2	24.8	12.4
-40°	322.4	285.2	235.6	186.0	142.6	105.4	80.6	55.8	37.2	24.8	18.6
-42.5°	310.0	272.8	229.4	179.8	142.6	105.4	74.4	55.8	37.2	24.8	18.6
-45°	303.8	266.6	217.0	173.6	136.4	105.4	74.4	49.6	37.2	24.8	18.6
-47.5°	291.4	248.0	204.6	167.4	130.2	99.2	68.2	49.6	37.2	24.8	18.6
-50°	272.8	235.6	198.4	161.2	124.0	93.0	68.2	49.6	37.2	24.8	18.6
-52.5°	254.2	217.0	186.0	148.8	117.8	93.0	68.2	49.6	37.2	24.8	18.6
-55°	235.6	204.6	173.6	142.6	111.6	86.8	62.0	49.6	37.2	24.8	18.6
-57.5°	223.2	192.2	161.2	130.2	105.4	80.6	62.0	43.4	31.0	24.8	18.6
-60°	210.8	179.8	148.8	124.0	99.2	80.6	62.0	43.4	31.0	24.8	12.4
-62.5°	192.2	167.4	136.4	117.8	93.0	74.4	55.8	43.4	31.0	24.8	12.4
-65°	173.6	148.8	124.0	105.4	86.8	68.2	55.8	43.4	31.0	24.8	12.4
-67.5°	155.0	136.4	117.8	99.2	80.6	68.2	55.8	43.4	31.0	18.6	12.4
-70°	142.6	124.0	105.4	93.0	80.6	62.0	55.8	43.4	31.0	18.6	12.4
-72.5°	124.0	111.6	99.2	86.8	74.4	68.2	55.8	43.4	24.8	18.6	12.4
-75°	117.8	105.4	93.0	86.8	80.6	68.2	55.8	37.2	24.8	18.6	12.4
-77.5°	117.8	105.4	99.2	93.0	80.6	68.2	49.6	31.0	18.6	18.6	12.4
-80°	117.8	111.6	105.4	86.8	74.4	55.8	37.2	31.0	18.6	12.4	6.2
-82.5°	105.4	86.8	74.4	62.0	55.8	43.4	31.0	24.8	12.4	12.4	6.2
-85°	68.2	55.8	49.6	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: P724061  
 CATALOG NUMBER: IFLD-L-SA7C-727-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: P724061

CATALOG NUMBER: IFLD-L-SA7C-727-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)