

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: P724030

Luminaire Tested: **IFLD-L-SA7A-722-U-22-VI**

Issue Date: 01/11/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P724030  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 01/11/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-L-SA7A-722-U-22-VI  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 2 distribution lens and Visor  
Light Source: (112) 2200K CCT, 70 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

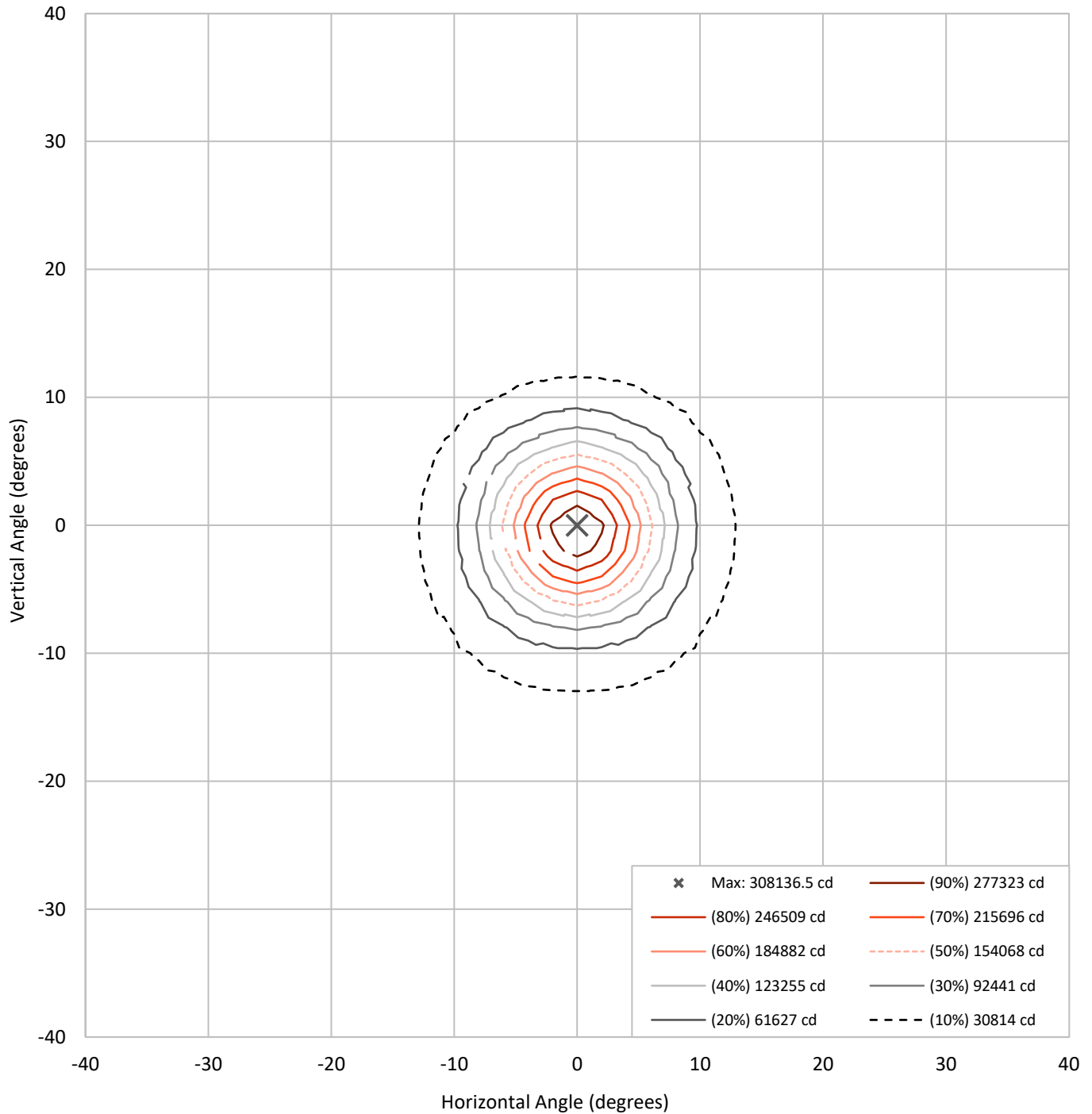
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	21523.5 lumens	Max Intensity:	308136.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	98.9 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	12.2°H x 11.7°V	Field Angle (10%):	25.1°H x 24.3°V
Beam Lumens:	6733.5 lumens	Field Lumens:	15321.2 lumens
Beam Efficiency:	31.3%	Field Efficiency:	71.2%

Input Watts (W): 217.6  
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



REPORT NUMBER: P724030  
CATALOG NUMBER: IFLD-L-SA7A-722-U-22-VI

### Iso-Candela Plot





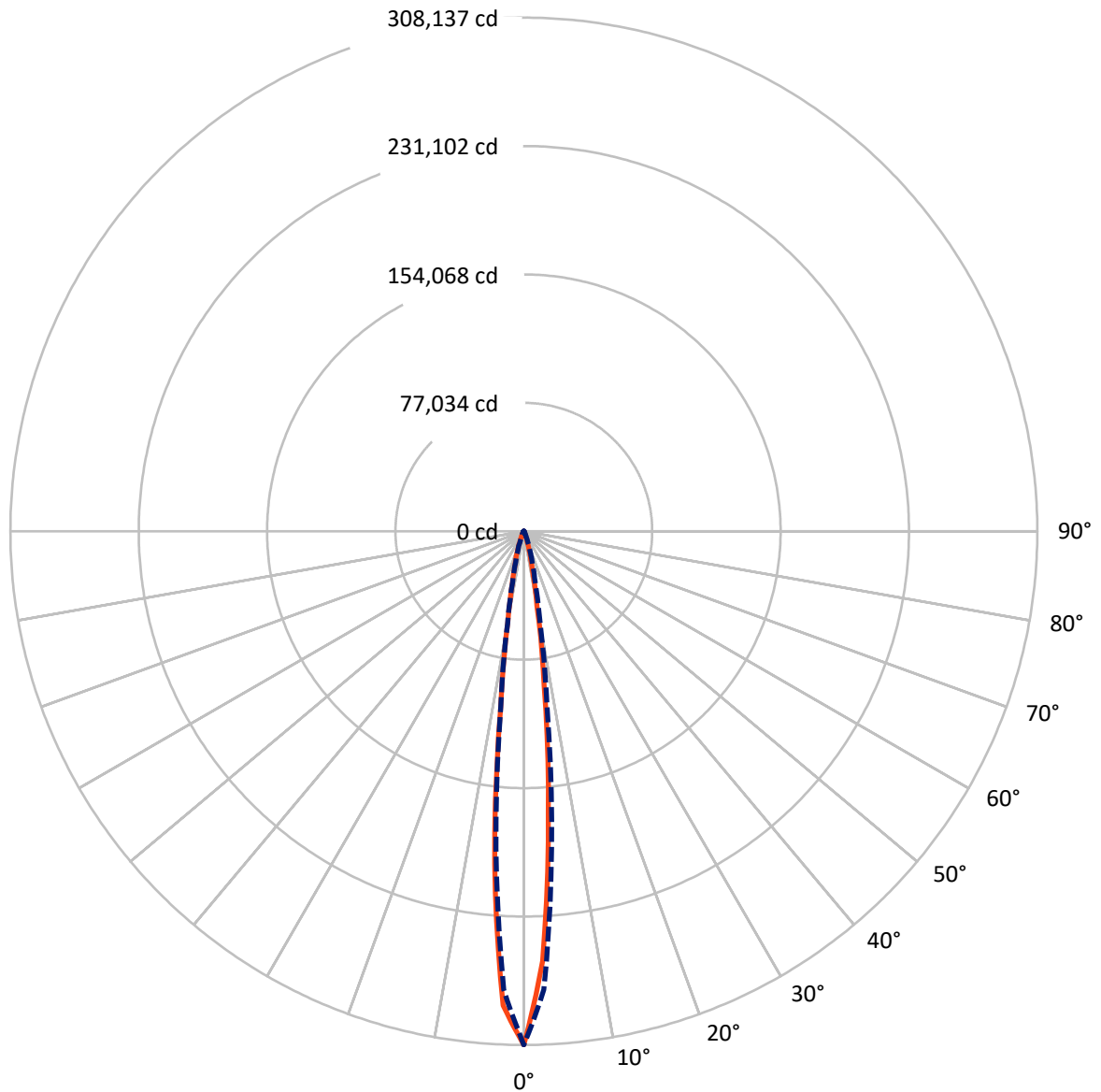
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### Lumen Table

90	0.1	1.3		1.1		0.5		0.0		0.5		1.1		1.3		0.1			
80	0.1	1.3		1.1		0.5		0.0		0.5		1.1		1.3		0.1			
70	0.2	0.2	0.2	0.2	0.2	0.1	0.2	0.0	0.0	0.2	0.1	0.2	0.2	0.2	0.2	0.2			
60		0.1	0.2	0.6	1.1	1.7	2.1	2.4	2.4	2.1	1.7	1.1	0.6	0.2	0.1				
50	0.1	0.2	0.7	1.8	3.1	4.3	5.7	6.7	6.7	5.7	4.3	3.1	1.8	0.7	0.2	0.1			
40		0.3	1.5	3.2	5.5	8.7	13.1	15.6	15.6	13.1	8.7	5.5	3.2	1.5	0.3				
30	0.2	0.6	2.3	4.7	8.6	14.9	28.7	46.3	46.3	28.7	14.9	8.6	4.7	2.3	0.6	0.2			
20		0.9	3.1	6.5	13.1	32.5	169.6	429.0	429.0	169.6	32.5	13.1	6.5	3.1	0.9				
10	0.4	1.2	3.7	7.6	16.0	65.9	546.1	3365.5	3365.5	546.1	65.9	16.0	7.6	3.7	1.2	0.4			
0		1.4	4.0	8.1	16.7	75.1	601.0	3706.3	3706.3	601.0	75.1	16.7	8.1	4.0	1.4				
-10	0.4	1.5	4.2	8.0	15.6	45.0	269.7	650.0	650.0	269.7	45.0	15.6	8.0	4.2	1.5	0.4			
-20		1.5	4.1	7.6	13.2	22.9	55.7	104.7	104.7	55.7	22.9	13.2	7.6	4.1	1.5				
-30	0.5	1.3	3.8	7.0	11.0	16.3	23.0	27.0	27.0	23.0	16.3	11.0	7.0	3.8	1.3	0.5			
-40		1.1	3.3	6.3	9.6	12.6	16.0	17.8	17.8	16.0	12.6	9.6	6.3	3.3	1.1				
-50	0.4	0.9	2.6	5.3	8.4	11.1	13.6	14.8	14.8	13.6	11.1	8.4	5.3	2.6	0.9	0.4			
-60		0.7	1.9	3.9	6.4	8.8	11.1	12.3	12.3	11.1	8.8	6.4	3.9	1.9	0.7				
-70	0.2	2.9		8.1		14.9		17.9		14.9		8.1		2.9		0.2			
-80		2.9		8.1		14.9		17.9		14.9		8.1		2.9					
-90	0.2	2.9		8.1		14.9		17.9		14.9		8.1		2.9		0.2			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

REPORT NUMBER: P724030  
CATALOG NUMBER: IFLD-L-SA7A-722-U-22-VI

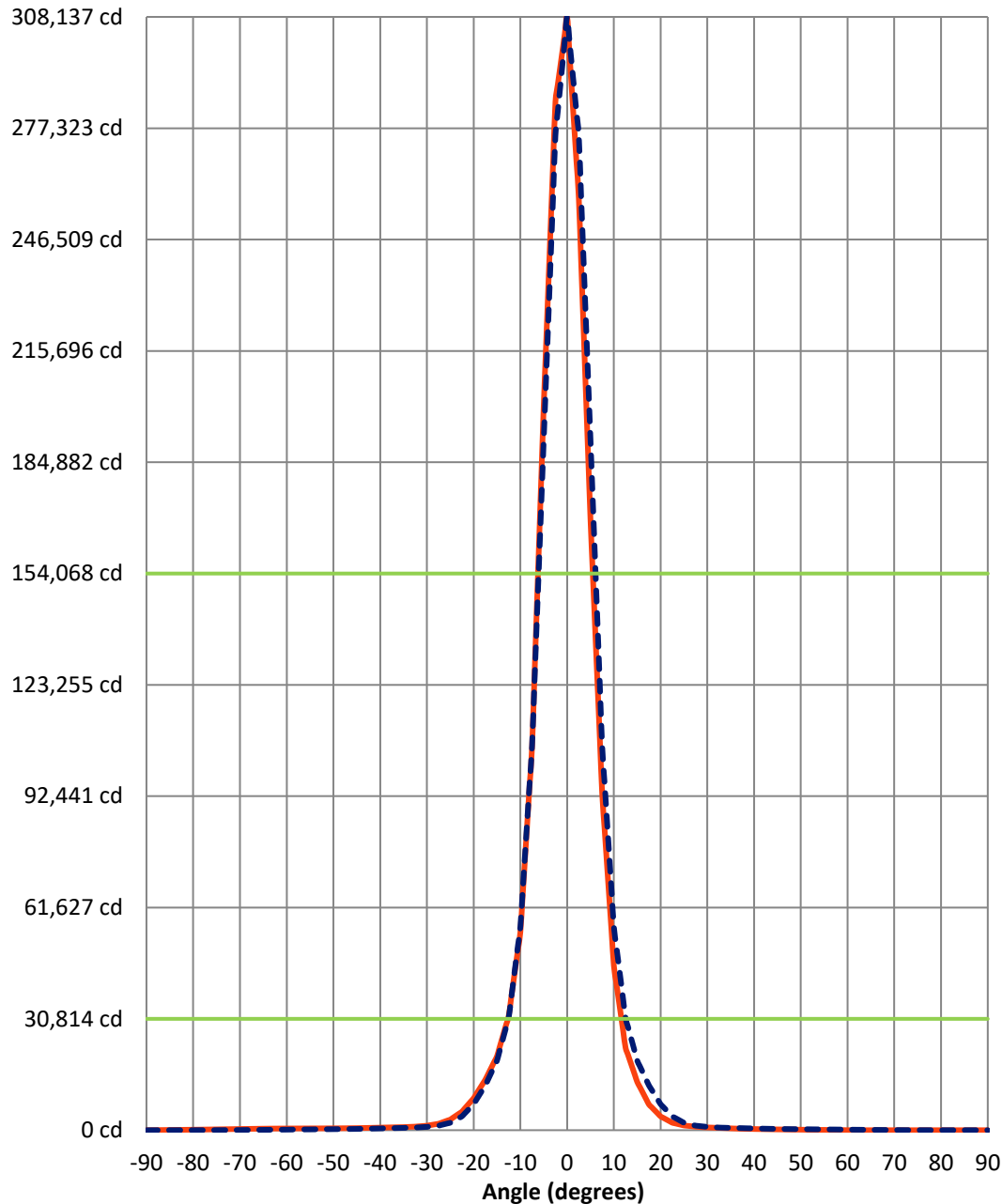
### Luminous Intensity Polar Plot



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

REPORT NUMBER: P724030  
 CATALOG NUMBER: IFLD-L-SA7A-722-U-22-VI

### Luminous Intensity Plot



**Beam:**  
 H Angle: 12.2°  
 V Angle: 11.7°  
 Lumens: 6733.5  
 Efficiency: 31.3%

**Field:**  
 H Angle: 25.1°  
 V Angle: 24.3°  
 Lumens: 15321.2  
 Efficiency: 71.2%

**Spill:**  
 Lumens: 6202.3  
 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	3.9	3.9
85°	0.0	0.0	0.0	0.0	3.9	3.9	3.9	3.9	3.9	7.7	7.7
82.5°	0.0	0.0	0.0	0.0	3.9	3.9	3.9	3.9	7.7	7.7	7.7
80°	0.0	0.0	0.0	0.0	3.9	3.9	3.9	3.9	7.7	7.7	7.7
77.5°	0.0	0.0	0.0	0.0	3.9	3.9	3.9	3.9	3.9	3.9	7.7
75°	0.0	0.0	0.0	0.0	3.9	3.9	3.9	3.9	3.9	3.9	3.9
72.5°	0.0	0.0	0.0	0.0	3.9	3.9	3.9	3.9	3.9	3.9	3.9
70°	0.0	0.0	0.0	0.0	3.9	3.9	3.9	3.9	3.9	3.9	3.9
67.5°	0.0	0.0	0.0	0.0	3.9	3.9	3.9	3.9	3.9	3.9	3.9
65°	0.0	0.0	0.0	0.0	3.9	3.9	3.9	3.9	3.9	3.9	3.9
62.5°	0.0	0.0	0.0	0.0	3.9	3.9	3.9	3.9	3.9	3.9	3.9
60°	7.7	7.7	7.7	7.7	11.6	11.6	15.4	15.4	15.4	7.7	15.4
57.5°	61.7	61.7	57.8	54.0	50.1	46.3	46.3	46.3	46.3	46.3	38.6
55°	84.8	84.8	84.8	81.0	81.0	77.1	73.3	69.4	69.4	65.6	61.7
52.5°	100.3	100.3	100.3	100.3	96.4	96.4	96.4	92.5	84.8	84.8	81.0
50°	142.7	138.8	138.8	138.8	138.8	131.1	127.2	119.5	115.7	111.8	108.0
47.5°	185.1	185.1	181.2	181.2	177.4	169.7	162.0	154.2	146.5	142.7	135.0
45°	219.8	219.8	215.9	215.9	212.1	204.4	192.8	181.2	173.5	165.8	158.1
42.5°	269.9	266.1	262.2	258.4	250.6	239.1	223.6	208.2	196.7	185.1	177.4
40°	323.9	323.9	320.0	316.2	304.6	293.1	273.8	254.5	235.2	212.1	200.5
37.5°	389.5	393.3	397.2	397.2	389.5	374.0	347.0	323.9	293.1	262.2	246.8
35°	509.0	509.0	516.7	516.7	505.1	485.9	466.6	416.4	377.9	339.3	304.6
32.5°	640.1	644.0	628.5	617.0	601.5	578.4	543.7	501.3	458.9	408.7	370.2
30°	767.3	767.3	748.1	724.9	694.1	655.5	613.1	566.8	516.7	466.6	420.3
27.5°	967.9	948.6	933.2	894.6	840.6	767.3	713.4	640.1	574.5	516.7	466.6
25°	1299.5	1295.6	1260.9	1195.4	1087.4	971.7	883.0	759.6	659.4	570.7	512.8
22.5°	2066.8	2039.8	1958.8	1796.9	1542.4	1341.9	1160.7	967.9	786.6	667.1	574.5
20°	3821.3	3732.6	3516.7	3069.4	2498.7	2105.4	1654.2	1330.3	1025.7	802.0	663.2
17.5°	7129.7	7071.9	6990.9	5957.5	4796.9	3964.0	2949.8	2039.8	1457.6	1048.8	786.6
15°	13364.9	12936.9	12042.3	10804.5	9181.1	7095.0	5217.2	3293.0	2082.2	1395.9	998.7
12.5°	22846.8	22372.5	20062.7	16966.4	14047.4	11078.3	7777.5	5005.1	2965.3	1773.8	1183.8
10°	45523.9	42080.5	35614.0	26579.4	20745.3	15470.3	10920.2	6829.0	3859.9	2240.3	1403.6
7.5°	93241.8	81990.0	63180.5	44602.3	28869.8	20290.3	13947.1	8930.5	5143.9	2803.3	1604.1
5°	168996.7	149034.2	112278.9	67607.2	41922.4	25430.3	16549.9	10619.4	6088.6	3262.2	1804.6
2.5°	258047.1	232223.5	162325.9	92964.2	51693.5	29409.7	18370.0	11729.9	6690.2	3574.5	1958.8
0°	308136.5	275244.8	191164.9	106433.2	56347.7	31098.6	19260.7	12397.0	7199.1	3829.0	2059.1
-2.5°	284641.9	258162.8	175683.0	98867.7	53845.1	30358.3	19387.9	12562.8	7284.0	3898.4	2105.4
-5°	200615.9	178883.5	121560.3	72959.3	45685.8	27963.7	18292.8	11938.2	7048.8	3798.2	2086.1
-7.5°	106136.3	96303.5	72091.7	52426.1	33346.7	23668.1	16469.0	10831.5	6439.5	3528.2	1970.4
-10°	54836.1	52819.4	45516.2	34310.7	26984.3	19827.5	14055.1	9262.1	5383.0	3038.5	1773.8
-12.5°	31615.3	31272.1	28923.8	24828.8	20691.3	16287.7	11533.3	7553.9	4492.2	2518.0	1496.1
-15°	20471.5	20618.0	19800.5	18096.2	15740.2	12188.8	8861.1	5618.2	3323.9	2039.8	1318.8
-17.5°	13970.3	13931.7	13550.0	12381.6	10484.5	8232.6	5872.7	3967.8	2518.0	1588.7	1095.1
-20°	8837.9	8853.4	8498.6	7692.7	6296.8	5074.5	3655.5	2676.1	1785.3	1249.3	967.9



REPORT NUMBER: P724030  
 CATALOG NUMBER: IFLD-L-SA7A-722-U-22-VI

**CANDELA DISTRIBUTION (continued):**

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	5128.5	5140.0	4916.4	4461.4	3728.7	3007.7	2375.3	1769.9	1314.9	1041.1	848.3
-25°	2946.0	2899.7	2811.0	2591.2	2248.0	1854.7	1577.1	1245.5	1052.7	883.0	775.1
-27.5°	1785.3	1754.5	1708.2	1611.8	1476.8	1280.2	1152.9	1006.4	894.6	794.3	728.8
-30°	1245.5	1257.1	1218.5	1168.4	1106.7	1018.0	948.6	879.2	805.9	744.2	682.5
-32.5°	991.0	998.7	979.4	960.1	929.3	894.6	852.2	802.0	744.2	686.4	628.5
-35°	852.2	856.0	856.0	852.2	844.5	817.5	786.6	740.4	686.4	632.4	582.3
-37.5°	782.8	786.6	786.6	782.8	771.2	748.1	717.2	678.7	628.5	578.4	539.8
-40°	709.5	713.4	709.5	701.8	690.2	667.1	644.0	613.1	574.5	532.1	497.4
-42.5°	640.1	636.2	632.4	624.7	613.1	597.7	578.4	555.3	528.3	497.4	470.4
-45°	574.5	574.5	570.7	566.8	559.1	547.6	536.0	516.7	497.4	474.3	451.2
-47.5°	539.8	539.8	536.0	532.1	528.3	520.6	509.0	493.6	478.1	458.9	439.6
-50°	516.7	516.7	516.7	512.8	509.0	501.3	489.7	478.1	462.7	443.4	424.2
-52.5°	501.3	501.3	501.3	497.4	493.6	489.7	478.1	462.7	443.4	428.0	412.6
-55°	493.6	489.7	489.7	485.9	482.0	478.1	462.7	447.3	431.9	416.4	401.0
-57.5°	482.0	478.1	478.1	474.3	470.4	466.6	451.2	435.7	420.3	401.0	389.5
-60°	470.4	466.6	466.6	458.9	455.0	451.2	435.7	420.3	404.9	389.5	374.0
-62.5°	455.0	451.2	447.3	443.4	435.7	428.0	416.4	401.0	381.7	366.3	350.9
-65°	420.3	416.4	412.6	408.7	404.9	401.0	389.5	370.2	354.8	339.3	323.9
-67.5°	377.9	377.9	377.9	370.2	366.3	358.6	350.9	335.5	320.0	304.6	293.1
-70°	327.8	327.8	327.8	320.0	316.2	312.3	300.8	289.2	277.6	266.1	250.6
-72.5°	277.6	273.8	273.8	269.9	262.2	258.4	250.6	242.9	231.4	223.6	212.1
-75°	227.5	223.6	223.6	219.8	215.9	212.1	204.4	200.5	192.8	185.1	173.5
-77.5°	181.2	181.2	181.2	177.4	173.5	169.7	165.8	162.0	158.1	150.4	142.7
-80°	138.8	138.8	138.8	138.8	138.8	138.8	138.8	135.0	127.2	123.4	119.5
-82.5°	100.3	104.1	104.1	104.1	104.1	104.1	104.1	104.1	100.3	96.4	92.5
-85°	65.6	69.4	69.4	73.3	77.1	77.1	81.0	77.1	73.3	65.6	61.7
-87.5°	34.7	34.7	34.7	34.7	34.7	34.7	34.7	30.8	30.8	30.8	27.0
-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: P724030  
 CATALOG NUMBER: IFLD-L-SA7A-722-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°	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	7.7	7.7	7.7
85°	7.7	7.7	7.7	7.7	11.6	11.6	11.6	15.4	15.4	15.4	15.4
82.5°	7.7	11.6	11.6	11.6	15.4	15.4	19.3	23.1	30.8	34.7	34.7
80°	7.7	11.6	11.6	11.6	15.4	15.4	19.3	19.3	23.1	27.0	34.7
77.5°	7.7	7.7	11.6	11.6	11.6	15.4	15.4	19.3	19.3	23.1	27.0
75°	3.9	7.7	7.7	7.7	11.6	11.6	15.4	15.4	19.3	19.3	23.1
72.5°	3.9	7.7	7.7	7.7	11.6	11.6	15.4	15.4	15.4	19.3	19.3
70°	3.9	7.7	7.7	7.7	7.7	11.6	11.6	11.6	15.4	15.4	15.4
67.5°	3.9	3.9	3.9	7.7	7.7	7.7	7.7	11.6	11.6	11.6	15.4
65°	3.9	3.9	3.9	3.9	7.7	7.7	7.7	7.7	11.6	11.6	11.6
62.5°	3.9	3.9	3.9	7.7	7.7	7.7	7.7	7.7	11.6	11.6	11.6
60°	15.4	15.4	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6
57.5°	34.7	34.7	30.8	27.0	23.1	23.1	19.3	15.4	15.4	11.6	11.6
55°	57.8	54.0	50.1	42.4	38.6	34.7	30.8	23.1	19.3	15.4	11.6
52.5°	73.3	69.4	65.6	61.7	54.0	46.3	42.4	38.6	30.8	23.1	19.3
50°	108.0	96.4	88.7	81.0	73.3	65.6	57.8	54.0	42.4	34.7	27.0
47.5°	131.1	123.4	111.8	104.1	96.4	84.8	73.3	65.6	57.8	46.3	34.7
45°	150.4	142.7	131.1	123.4	115.7	104.1	92.5	81.0	73.3	61.7	46.3
42.5°	169.7	162.0	150.4	142.7	131.1	119.5	108.0	96.4	84.8	77.1	61.7
40°	196.7	185.1	169.7	162.0	154.2	138.8	123.4	111.8	100.3	88.7	73.3
37.5°	231.4	219.8	200.5	185.1	173.5	162.0	146.5	131.1	119.5	104.1	88.7
35°	285.3	266.1	239.1	215.9	200.5	185.1	165.8	150.4	135.0	119.5	104.1
32.5°	339.3	308.5	273.8	246.8	223.6	204.4	185.1	169.7	150.4	131.1	115.7
30°	381.7	347.0	312.3	273.8	246.8	223.6	204.4	185.1	165.8	146.5	127.2
27.5°	424.2	385.6	347.0	308.5	269.9	239.1	219.8	200.5	181.2	162.0	138.8
25°	466.6	424.2	385.6	343.2	296.9	262.2	235.2	219.8	200.5	177.4	150.4
22.5°	505.1	466.6	428.0	381.7	327.8	281.5	254.5	235.2	215.9	188.9	165.8
20°	578.4	528.3	482.0	424.2	362.5	316.2	281.5	254.5	231.4	204.4	177.4
17.5°	674.8	601.5	539.8	474.3	412.6	354.8	304.6	273.8	250.6	219.8	188.9
15°	798.2	670.9	593.8	528.3	455.0	389.5	335.5	293.1	262.2	231.4	204.4
12.5°	890.7	724.9	640.1	578.4	501.3	428.0	358.6	308.5	273.8	242.9	212.1
10°	994.8	782.8	678.7	609.2	528.3	447.3	374.0	320.0	281.5	254.5	223.6
7.5°	1079.7	829.0	697.9	620.8	543.7	462.7	389.5	331.6	293.1	262.2	231.4
5°	1156.8	867.6	713.4	624.7	551.4	474.3	397.2	339.3	300.8	269.9	239.1
2.5°	1210.8	902.3	728.8	632.4	559.1	482.0	408.7	347.0	308.5	277.6	246.8
0°	1257.1	913.9	724.9	632.4	563.0	482.0	412.6	350.9	312.3	281.5	250.6
-2.5°	1272.5	933.2	744.2	640.1	570.7	489.7	420.3	354.8	316.2	285.3	258.4
-5°	1272.5	917.7	744.2	647.8	574.5	493.6	420.3	358.6	320.0	289.2	258.4
-7.5°	1226.2	894.6	740.4	655.5	578.4	497.4	420.3	362.5	323.9	293.1	262.2
-10°	1145.2	859.9	736.5	659.4	578.4	493.6	420.3	362.5	323.9	293.1	266.1
-12.5°	1014.1	813.6	717.2	651.7	570.7	485.9	416.4	362.5	323.9	296.9	266.1
-15°	948.6	775.1	694.1	628.5	551.4	474.3	408.7	358.6	323.9	296.9	269.9
-17.5°	859.9	744.2	670.9	605.4	536.0	462.7	401.0	358.6	323.9	293.1	269.9
-20°	798.2	709.5	644.0	586.1	516.7	451.2	397.2	354.8	323.9	293.1	269.9



REPORT NUMBER: P724030  
 CATALOG NUMBER: IFLD-L-SA7A-722-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°	744.2	670.9	613.1	555.3	493.6	435.7	389.5	350.9	320.0	293.1	269.9
-25°	701.8	636.2	582.3	528.3	474.3	424.2	381.7	347.0	316.2	293.1	266.1
-27.5°	663.2	601.5	551.4	501.3	451.2	412.6	374.0	343.2	316.2	289.2	262.2
-30°	620.8	570.7	520.6	474.3	439.6	401.0	366.3	335.5	312.3	285.3	258.4
-32.5°	578.4	532.1	489.7	455.0	424.2	393.3	362.5	331.6	304.6	277.6	250.6
-35°	539.8	497.4	466.6	435.7	412.6	385.6	354.8	323.9	300.8	273.8	250.6
-37.5°	501.3	470.4	443.4	420.3	397.2	374.0	343.2	316.2	293.1	266.1	239.1
-40°	470.4	447.3	428.0	408.7	385.6	358.6	335.5	308.5	285.3	258.4	227.5
-42.5°	451.2	431.9	412.6	393.3	374.0	350.9	327.8	300.8	277.6	250.6	219.8
-45°	431.9	416.4	401.0	385.6	366.3	343.2	316.2	289.2	266.1	239.1	215.9
-47.5°	420.3	404.9	389.5	377.9	362.5	331.6	308.5	281.5	254.5	231.4	204.4
-50°	408.7	393.3	381.7	366.3	347.0	320.0	296.9	269.9	246.8	219.8	196.7
-52.5°	397.2	381.7	366.3	350.9	331.6	308.5	285.3	262.2	235.2	208.2	185.1
-55°	385.6	370.2	354.8	339.3	320.0	300.8	277.6	246.8	219.8	192.8	169.7
-57.5°	374.0	362.5	343.2	323.9	304.6	285.3	258.4	231.4	204.4	177.4	158.1
-60°	358.6	343.2	327.8	304.6	285.3	262.2	239.1	215.9	188.9	165.8	146.5
-62.5°	335.5	320.0	304.6	281.5	262.2	242.9	223.6	196.7	177.4	154.2	135.0
-65°	308.5	293.1	277.6	258.4	239.1	219.8	204.4	181.2	162.0	142.7	127.2
-67.5°	277.6	262.2	250.6	231.4	215.9	196.7	181.2	162.0	142.7	127.2	111.8
-70°	239.1	227.5	215.9	200.5	185.1	169.7	154.2	138.8	123.4	111.8	96.4
-72.5°	204.4	192.8	181.2	169.7	158.1	142.7	131.1	119.5	108.0	96.4	88.7
-75°	165.8	158.1	150.4	142.7	131.1	119.5	111.8	100.3	92.5	84.8	81.0
-77.5°	138.8	131.1	123.4	115.7	108.0	100.3	92.5	84.8	81.0	77.1	73.3
-80°	111.8	108.0	104.1	96.4	92.5	84.8	81.0	73.3	73.3	73.3	73.3
-82.5°	88.7	84.8	81.0	77.1	73.3	69.4	69.4	65.6	69.4	69.4	65.6
-85°	61.7	57.8	54.0	54.0	50.1	50.1	46.3	46.3	46.3	42.4	42.4
-87.5°	27.0	27.0	27.0	27.0	23.1	23.1	23.1	23.1	23.1	19.3	19.3
-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: P724030  
 CATALOG NUMBER: IFLD-L-SA7A-722-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°	7.7	7.7	3.9	3.9	3.9	3.9	3.9	3.9	3.9	0.0	0.0
85°	15.4	15.4	11.6	11.6	11.6	7.7	7.7	3.9	3.9	3.9	3.9
82.5°	34.7	30.8	27.0	23.1	19.3	15.4	11.6	7.7	7.7	3.9	3.9
80°	42.4	42.4	42.4	38.6	30.8	23.1	15.4	11.6	7.7	3.9	3.9
77.5°	30.8	30.8	34.7	38.6	38.6	30.8	19.3	11.6	7.7	7.7	3.9
75°	23.1	23.1	23.1	27.0	30.8	30.8	23.1	15.4	7.7	7.7	3.9
72.5°	23.1	23.1	23.1	23.1	23.1	23.1	23.1	15.4	11.6	7.7	7.7
70°	19.3	19.3	19.3	19.3	19.3	19.3	19.3	15.4	11.6	7.7	7.7
67.5°	15.4	15.4	19.3	19.3	19.3	15.4	15.4	15.4	11.6	7.7	7.7
65°	11.6	15.4	15.4	19.3	15.4	15.4	15.4	11.6	11.6	7.7	7.7
62.5°	11.6	11.6	15.4	15.4	15.4	15.4	11.6	11.6	11.6	7.7	7.7
60°	11.6	11.6	11.6	15.4	11.6	11.6	11.6	11.6	11.6	7.7	7.7
57.5°	11.6	11.6	11.6	11.6	11.6	11.6	11.6	7.7	7.7	7.7	7.7
55°	11.6	11.6	11.6	11.6	11.6	11.6	7.7	7.7	7.7	7.7	7.7
52.5°	15.4	11.6	11.6	11.6	11.6	11.6	7.7	7.7	7.7	7.7	7.7
50°	19.3	11.6	11.6	11.6	11.6	7.7	7.7	7.7	7.7	7.7	7.7
47.5°	27.0	19.3	15.4	11.6	11.6	7.7	7.7	7.7	7.7	7.7	3.9
45°	38.6	27.0	19.3	15.4	11.6	7.7	7.7	7.7	7.7	7.7	3.9
42.5°	46.3	34.7	23.1	19.3	15.4	11.6	7.7	7.7	7.7	3.9	3.9
40°	57.8	46.3	30.8	23.1	15.4	11.6	7.7	7.7	7.7	3.9	3.9
37.5°	73.3	57.8	38.6	27.0	19.3	11.6	11.6	7.7	7.7	3.9	3.9
35°	84.8	65.6	50.1	30.8	23.1	15.4	11.6	7.7	7.7	3.9	3.9
32.5°	96.4	77.1	61.7	38.6	27.0	19.3	15.4	7.7	7.7	3.9	3.9
30°	108.0	88.7	69.4	50.1	34.7	23.1	15.4	7.7	7.7	3.9	3.9
27.5°	119.5	96.4	77.1	57.8	38.6	27.0	19.3	11.6	7.7	3.9	3.9
25°	131.1	108.0	84.8	65.6	42.4	30.8	19.3	11.6	7.7	7.7	3.9
22.5°	138.8	119.5	96.4	73.3	50.1	34.7	23.1	15.4	7.7	7.7	3.9
20°	150.4	131.1	104.1	81.0	57.8	38.6	23.1	15.4	7.7	7.7	3.9
17.5°	162.0	138.8	111.8	88.7	65.6	42.4	27.0	19.3	7.7	7.7	3.9
15°	173.5	146.5	119.5	92.5	69.4	46.3	27.0	19.3	7.7	7.7	3.9
12.5°	185.1	158.1	127.2	100.3	73.3	50.1	30.8	23.1	11.6	7.7	3.9
10°	192.8	165.8	135.0	104.1	77.1	57.8	34.7	23.1	11.6	7.7	3.9
7.5°	204.4	173.5	142.7	111.8	81.0	61.7	38.6	23.1	11.6	7.7	3.9
5°	208.2	181.2	146.5	119.5	84.8	65.6	42.4	27.0	11.6	7.7	3.9
2.5°	212.1	188.9	150.4	123.4	88.7	65.6	42.4	27.0	15.4	7.7	3.9
0°	215.9	192.8	154.2	127.2	92.5	69.4	46.3	27.0	15.4	7.7	3.9
-2.5°	219.8	196.7	162.0	131.1	96.4	73.3	50.1	27.0	15.4	7.7	3.9
-5°	223.6	196.7	169.7	135.0	100.3	73.3	50.1	30.8	19.3	7.7	3.9
-7.5°	227.5	200.5	173.5	138.8	104.1	73.3	54.0	30.8	19.3	11.6	3.9
-10°	231.4	204.4	177.4	142.7	104.1	77.1	54.0	30.8	19.3	11.6	3.9
-12.5°	235.2	208.2	177.4	142.7	108.0	77.1	54.0	34.7	19.3	11.6	3.9
-15°	239.1	208.2	177.4	142.7	108.0	81.0	57.8	34.7	19.3	11.6	7.7
-17.5°	239.1	208.2	177.4	146.5	108.0	81.0	57.8	34.7	19.3	11.6	7.7
-20°	239.1	208.2	177.4	146.5	108.0	81.0	57.8	34.7	19.3	11.6	7.7



REPORT NUMBER: P724030  
 CATALOG NUMBER: IFLD-L-SA7A-722-U-22-VI

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	235.2	204.4	177.4	142.7	108.0	81.0	57.8	34.7	23.1	11.6	7.7
-25°	235.2	204.4	177.4	142.7	108.0	81.0	54.0	34.7	23.1	11.6	7.7
-27.5°	231.4	204.4	173.5	138.8	104.1	77.1	54.0	34.7	23.1	11.6	7.7
-30°	227.5	200.5	169.7	135.0	104.1	77.1	54.0	34.7	23.1	11.6	7.7
-32.5°	223.6	192.8	165.8	131.1	100.3	73.3	54.0	34.7	23.1	11.6	7.7
-35°	215.9	188.9	158.1	127.2	96.4	73.3	50.1	34.7	23.1	15.4	7.7
-37.5°	208.2	181.2	154.2	123.4	92.5	69.4	50.1	34.7	23.1	15.4	7.7
-40°	200.5	177.4	146.5	115.7	88.7	65.6	50.1	34.7	23.1	15.4	11.6
-42.5°	192.8	169.7	142.7	111.8	88.7	65.6	46.3	34.7	23.1	15.4	11.6
-45°	188.9	165.8	135.0	108.0	84.8	65.6	46.3	30.8	23.1	15.4	11.6
-47.5°	181.2	154.2	127.2	104.1	81.0	61.7	42.4	30.8	23.1	15.4	11.6
-50°	169.7	146.5	123.4	100.3	77.1	57.8	42.4	30.8	23.1	15.4	11.6
-52.5°	158.1	135.0	115.7	92.5	73.3	57.8	42.4	30.8	23.1	15.4	11.6
-55°	146.5	127.2	108.0	88.7	69.4	54.0	38.6	30.8	23.1	15.4	11.6
-57.5°	138.8	119.5	100.3	81.0	65.6	50.1	38.6	27.0	19.3	15.4	11.6
-60°	131.1	111.8	92.5	77.1	61.7	50.1	38.6	27.0	19.3	15.4	7.7
-62.5°	119.5	104.1	84.8	73.3	57.8	46.3	34.7	27.0	19.3	15.4	7.7
-65°	108.0	92.5	77.1	65.6	54.0	42.4	34.7	27.0	19.3	15.4	7.7
-67.5°	96.4	84.8	73.3	61.7	50.1	42.4	34.7	27.0	19.3	11.6	7.7
-70°	88.7	77.1	65.6	57.8	50.1	38.6	34.7	27.0	19.3	11.6	7.7
-72.5°	77.1	69.4	61.7	54.0	46.3	42.4	34.7	27.0	15.4	11.6	7.7
-75°	73.3	65.6	57.8	54.0	50.1	42.4	34.7	23.1	15.4	11.6	7.7
-77.5°	73.3	65.6	61.7	57.8	50.1	42.4	30.8	19.3	11.6	11.6	7.7
-80°	73.3	69.4	65.6	54.0	46.3	34.7	23.1	19.3	11.6	7.7	3.9
-82.5°	65.6	54.0	46.3	38.6	34.7	27.0	19.3	15.4	7.7	7.7	3.9
-85°	42.4	34.7	30.8	27.0	23.1	19.3	11.6	7.7	7.7	3.9	3.9
-87.5°	19.3	19.3	15.4	11.6	11.6	7.7	7.7	3.9	3.9	3.9	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: P724030  
 CATALOG NUMBER: IFLD-L-SA7A-722-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°	3.9	0.0	0.0	0.0
77.5°	3.9	0.0	0.0	0.0
75°	3.9	3.9	0.0	0.0
72.5°	3.9	3.9	0.0	0.0
70°	3.9	3.9	0.0	0.0
67.5°	3.9	3.9	0.0	0.0
65°	3.9	3.9	0.0	0.0
62.5°	3.9	3.9	0.0	0.0
60°	3.9	3.9	0.0	0.0
57.5°	3.9	3.9	3.9	0.0
55°	3.9	3.9	3.9	0.0
52.5°	3.9	3.9	3.9	0.0
50°	3.9	3.9	3.9	0.0
47.5°	3.9	3.9	3.9	0.0
45°	3.9	3.9	3.9	0.0
42.5°	3.9	3.9	3.9	0.0
40°	3.9	3.9	3.9	0.0
37.5°	3.9	3.9	3.9	0.0
35°	3.9	3.9	3.9	0.0
32.5°	3.9	3.9	3.9	0.0
30°	3.9	3.9	3.9	0.0
27.5°	3.9	3.9	3.9	0.0
25°	3.9	3.9	3.9	0.0
22.5°	3.9	3.9	3.9	0.0
20°	3.9	3.9	3.9	0.0
17.5°	3.9	3.9	3.9	0.0
15°	3.9	3.9	3.9	0.0
12.5°	3.9	3.9	3.9	0.0
10°	3.9	3.9	3.9	0.0
7.5°	3.9	3.9	3.9	0.0
5°	3.9	3.9	3.9	0.0
2.5°	3.9	3.9	3.9	0.0
0°	3.9	3.9	3.9	0.0
-2.5°	3.9	3.9	3.9	0.0
-5°	3.9	3.9	3.9	0.0
-7.5°	3.9	3.9	3.9	0.0
-10°	3.9	3.9	3.9	0.0
-12.5°	3.9	3.9	3.9	0.0
-15°	3.9	3.9	3.9	0.0
-17.5°	3.9	3.9	3.9	0.0
-20°	3.9	3.9	3.9	0.0



REPORT NUMBER: P724030  
CATALOG NUMBER: IFLD-L-SA7A-722-U-22-VI

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
-22.5°	3.9	3.9	3.9	0.0
-25°	3.9	3.9	3.9	0.0
-27.5°	3.9	3.9	3.9	0.0
-30°	3.9	3.9	3.9	0.0
-32.5°	3.9	3.9	3.9	0.0
-35°	3.9	3.9	3.9	0.0
-37.5°	3.9	3.9	3.9	0.0
-40°	3.9	3.9	3.9	0.0
-42.5°	3.9	3.9	3.9	0.0
-45°	3.9	3.9	3.9	0.0
-47.5°	3.9	3.9	3.9	0.0
-50°	3.9	3.9	3.9	0.0
-52.5°	3.9	3.9	3.9	0.0
-55°	3.9	3.9	3.9	0.0
-57.5°	3.9	3.9	3.9	0.0
-60°	3.9	3.9	0.0	0.0
-62.5°	3.9	3.9	0.0	0.0
-65°	3.9	3.9	0.0	0.0
-67.5°	3.9	3.9	0.0	0.0
-70°	3.9	3.9	0.0	0.0
-72.5°	3.9	3.9	0.0	0.0
-75°	3.9	3.9	0.0	0.0
-77.5°	3.9	0.0	0.0	0.0
-80°	3.9	0.0	0.0	0.0
-82.5°	3.9	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)