

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: P724262

Luminaire Tested: **IFLD-L-SA7A-830-U-22-VI**

Issue Date: 01/11/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P724262  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 01/11/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-L-SA7A-830-U-22-VI  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 2 distribution lens and Visor  
Light Source: (112) 3000K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

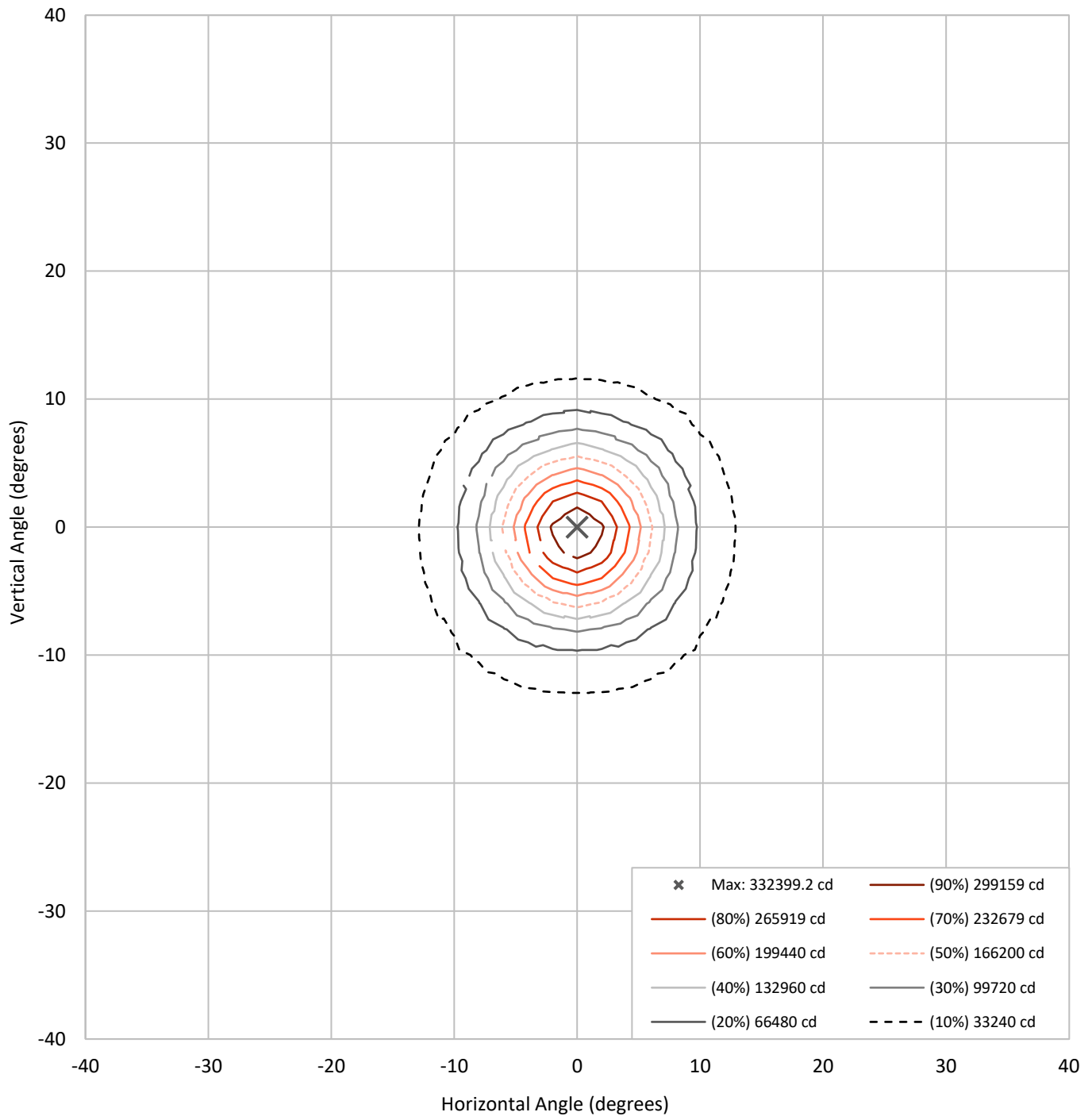
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	23218.2 lumens	Max Intensity:	332399.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	106.7 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	12.2°H x 11.7°V	Field Angle (10%):	25.1°H x 24.3°V
Beam Lumens:	7263.7 lumens	Field Lumens:	16527.6 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



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### Iso-Candela Plot





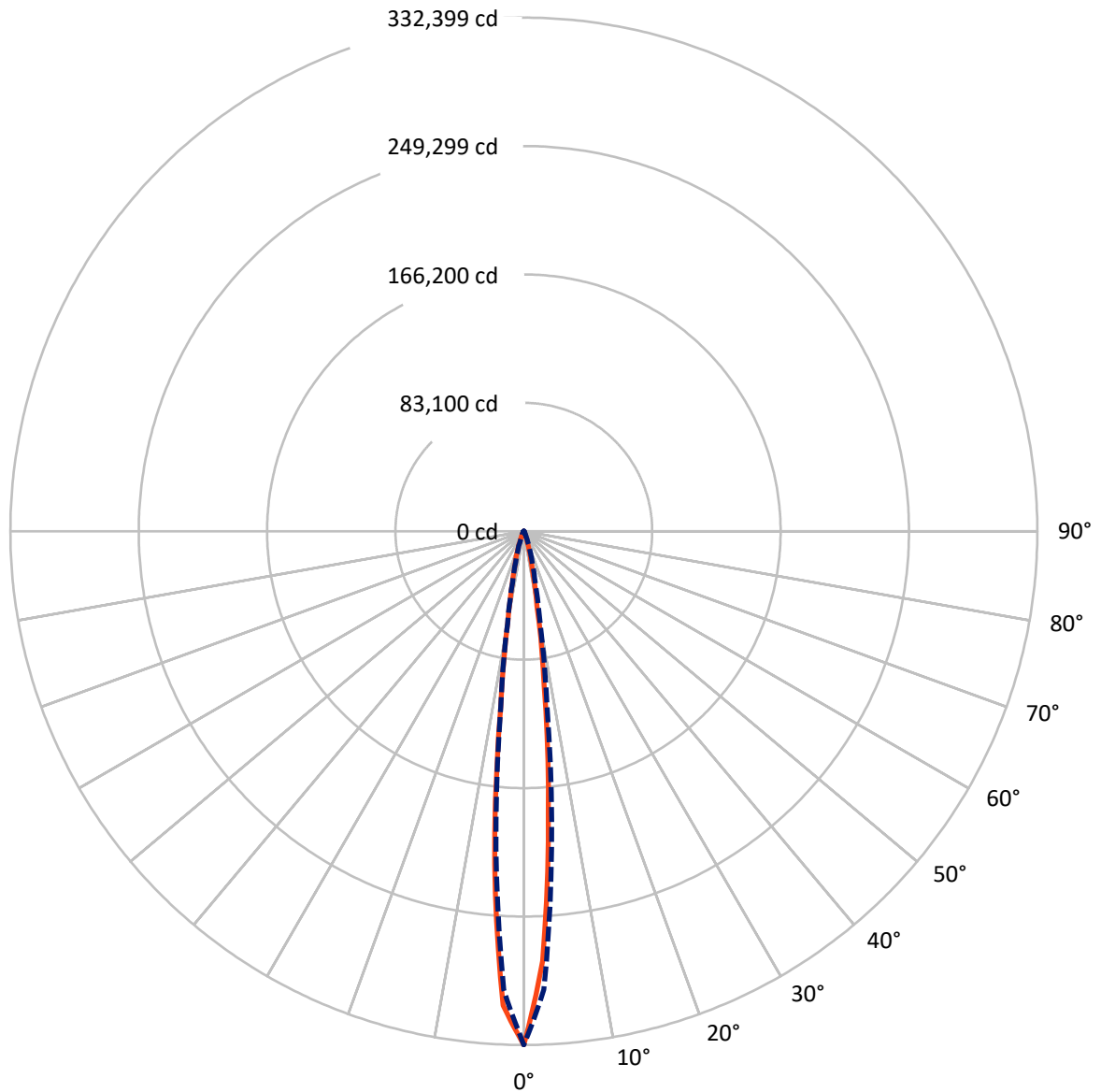
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### Lumen Table

90	0.1	1.4	1.2	0.5	0.1	0.5	1.2	1.4	0.1										
80	0.1	1.4	1.2	0.5	0.1	0.5	1.2	1.4	0.1										
70	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.0	0.0	0.2	0.2	0.2	0.2	0.3	0.2	0.2			
60		0.2	0.3	0.6	1.2	1.8	2.3	2.6	2.6	2.3	1.8	1.2	0.6	0.3	0.2				
50	0.1	0.2	0.7	1.9	3.3	4.7	6.2	7.3	7.3	6.2	4.7	3.3	1.9	0.7	0.2	0.1			
40		0.4	1.6	3.5	5.9	9.3	14.1	16.9	16.9	14.1	9.3	5.9	3.5	1.6	0.4				
30	0.2	0.7	2.5	5.1	9.3	16.1	31.0	50.0	50.0	31.0	16.1	9.3	5.1	2.5	0.7	0.2			
20		1.0	3.3	7.0	14.1	35.0	182.9	462.8	462.8	182.9	35.0	14.1	7.0	3.3	1.0				
10	0.4	1.3	4.0	8.2	17.2	71.1	589.2	3630.5	3630.5	589.2	71.1	17.2	8.2	4.0	1.3	0.4			
0		1.5	4.3	8.7	18.0	81.1	648.3	3998.2	3998.2	648.3	81.1	18.0	8.7	4.3	1.5				
-10	0.5	1.6	4.5	8.6	16.9	48.6	291.0	701.2	701.2	291.0	48.6	16.9	8.6	4.5	1.6	0.5			
-20		1.6	4.5	8.2	14.3	24.7	60.1	113.0	113.0	60.1	24.7	14.3	8.2	4.5	1.6				
-30	0.5	1.4	4.1	7.6	11.9	17.5	24.8	29.2	29.2	24.8	17.5	11.9	7.6	4.1	1.4	0.5			
-40		1.2	3.6	6.8	10.3	13.6	17.3	19.2	19.2	17.3	13.6	10.3	6.8	3.6	1.2				
-50	0.4	1.0	2.8	5.7	9.1	11.9	14.6	16.0	16.0	14.6	11.9	9.1	5.7	2.8	1.0	0.4			
-60		0.8	2.1	4.2	6.9	9.5	12.0	13.3	13.3	12.0	9.5	6.9	4.2	2.1	0.8				
-70	0.2	3.2	8.7	16.0	19.3	16.0	8.7	3.2	0.2										
-80		0.2	3.2	8.7	16.0	19.3	16.0	8.7	3.2	0.2									
-90	0.2	3.2	8.7	16.0	19.3	16.0	8.7	3.2	0.2										
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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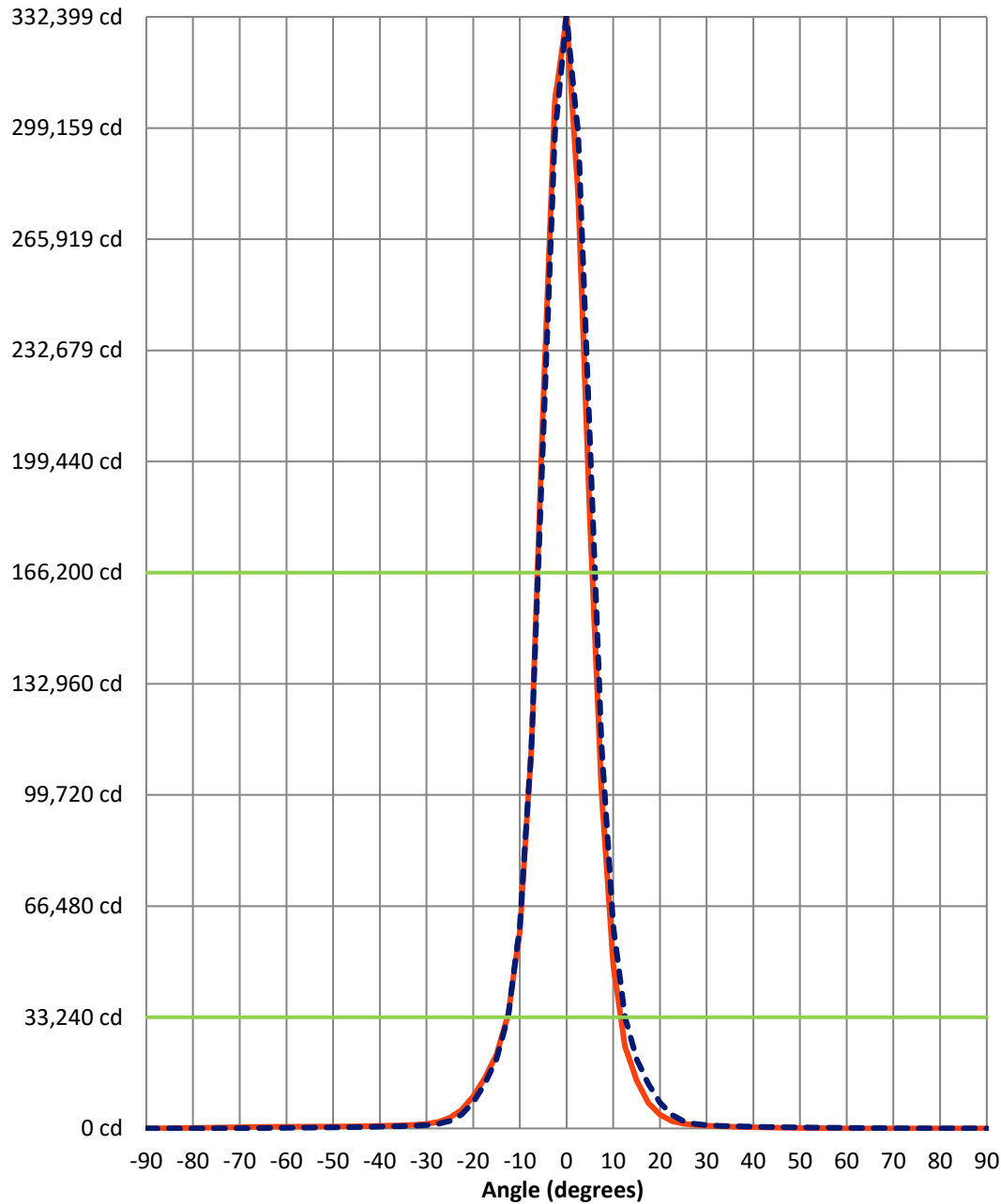
### Luminous Intensity Polar Plot



— 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: 7263.7  
Efficiency: 31.3%

**Field:**  
H Angle: 25.1°  
V Angle: 24.3°  
Lumens: 16527.6  
Efficiency: 71.2%

**Spill:**  
Lumens: 6690.7  
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	4.2	4.2
85°	0.0	0.0	0.0	0.0	4.2	4.2	4.2	4.2	4.2	8.3	8.3
82.5°	0.0	0.0	0.0	0.0	4.2	4.2	4.2	4.2	8.3	8.3	8.3
80°	0.0	0.0	0.0	0.0	4.2	4.2	4.2	4.2	8.3	8.3	8.3
77.5°	0.0	0.0	0.0	0.0	4.2	4.2	4.2	4.2	4.2	4.2	8.3
75°	0.0	0.0	0.0	0.0	4.2	4.2	4.2	4.2	4.2	4.2	4.2
72.5°	0.0	0.0	0.0	0.0	4.2	4.2	4.2	4.2	4.2	4.2	4.2
70°	0.0	0.0	0.0	0.0	4.2	4.2	4.2	4.2	4.2	4.2	4.2
67.5°	0.0	0.0	0.0	0.0	4.2	4.2	4.2	4.2	4.2	4.2	4.2
65°	0.0	0.0	0.0	0.0	4.2	4.2	4.2	4.2	4.2	4.2	4.2
62.5°	0.0	0.0	0.0	0.0	4.2	4.2	4.2	4.2	4.2	4.2	4.2
60°	8.3	8.3	8.3	8.3	12.5	12.5	16.6	16.6	16.6	8.3	16.6
57.5°	66.6	66.6	62.4	58.2	54.1	49.9	49.9	49.9	49.9	49.9	41.6
55°	91.5	91.5	91.5	87.4	87.4	83.2	79.0	74.9	74.9	70.7	66.6
52.5°	108.2	108.2	108.2	108.2	104.0	104.0	104.0	99.8	91.5	91.5	87.4
50°	153.9	149.7	149.7	149.7	149.7	141.4	137.3	128.9	124.8	120.6	116.5
47.5°	199.7	199.7	195.5	195.5	191.3	183.0	174.7	166.4	158.1	153.9	145.6
45°	237.1	237.1	232.9	232.9	228.8	220.5	208.0	195.5	187.2	178.9	170.5
42.5°	291.2	287.0	282.9	278.7	270.4	257.9	241.3	224.6	212.1	199.7	191.3
40°	349.4	349.4	345.2	341.1	328.6	316.1	295.3	274.5	253.7	228.8	216.3
37.5°	420.1	424.3	428.4	428.4	420.1	403.5	374.4	349.4	316.1	282.9	266.2
35°	549.1	549.1	557.4	557.4	544.9	524.1	503.3	449.2	407.6	366.0	328.6
32.5°	690.5	694.7	678.0	665.5	648.9	623.9	586.5	540.8	495.0	440.9	399.3
30°	827.8	827.8	807.0	782.0	748.7	707.1	661.4	611.5	557.4	503.3	453.4
27.5°	1044.1	1023.3	1006.6	965.0	906.8	827.8	769.5	690.5	619.8	557.4	503.3
25°	1401.8	1397.6	1360.2	1289.5	1173.0	1048.2	952.6	819.4	711.3	615.6	553.2
22.5°	2229.6	2200.4	2113.1	1938.4	1663.8	1447.5	1252.0	1044.1	848.6	719.6	619.8
20°	4122.2	4026.5	3793.6	3311.1	2695.4	2271.2	1784.5	1435.1	1106.5	865.2	715.5
17.5°	7691.1	7628.7	7541.4	6426.6	5174.6	4276.1	3182.1	2200.4	1572.3	1131.4	848.6
15°	14417.2	13955.5	12990.5	11655.2	9904.0	7653.7	5628.0	3552.3	2246.2	1505.8	1077.3
12.5°	24645.7	24134.1	21642.5	18302.3	15153.5	11950.6	8389.9	5399.2	3198.7	1913.4	1277.0
10°	49108.4	45393.9	38418.2	28672.2	22378.7	16688.4	11780.0	7366.7	4163.8	2416.7	1514.1
7.5°	100583.7	88445.9	68155.3	48114.3	31143.1	21887.9	15045.3	9633.7	5548.9	3024.0	1730.4
5°	182303.6	160769.2	121119.7	72930.6	45223.4	27432.7	17853.1	11455.6	6568.0	3519.0	1946.7
2.5°	278365.8	250508.8	175107.4	100284.2	55763.8	31725.4	19816.4	12653.6	7216.9	3856.0	2113.1
0°	332399.2	296917.7	206217.2	114813.8	60784.5	33547.3	20777.3	13373.2	7766.0	4130.5	2221.2
-2.5°	307054.7	278490.6	189516.3	106652.6	58084.9	32748.7	20914.6	13552.0	7857.5	4205.4	2271.2
-5°	216412.4	192968.8	131131.9	78704.1	49283.1	30165.5	19733.2	12878.2	7603.8	4097.2	2250.4
-7.5°	114493.5	103886.5	77768.2	56554.2	35972.4	25531.7	17765.7	11684.4	6946.6	3806.1	2125.6
-10°	59153.9	56978.4	49100.1	37012.3	29109.0	21388.8	15161.8	9991.4	5806.8	3277.8	1913.4
-12.5°	34104.7	33734.5	31201.3	26783.8	22320.5	17570.2	12441.4	8148.7	4846.0	2716.2	1613.9
-15°	22083.4	22241.5	21359.6	19521.1	16979.6	13148.6	9558.8	6060.6	3585.6	2200.4	1422.6
-17.5°	15070.3	15028.7	14616.9	13356.5	11310.0	8880.8	6335.1	4280.2	2716.2	1713.8	1181.3
-20°	9533.8	9550.5	9167.8	8298.4	6792.7	5474.1	3943.3	2886.8	1925.9	1347.7	1044.1



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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°	5532.3	5544.8	5303.5	4812.7	4022.4	3244.5	2562.3	1909.3	1418.4	1123.1	915.1
-25°	3177.9	3128.0	3032.4	2795.3	2425.1	2000.8	1701.3	1343.6	1135.6	952.6	836.1
-27.5°	1925.9	1892.6	1842.7	1738.7	1593.1	1381.0	1243.7	1085.7	965.0	856.9	786.2
-30°	1343.6	1356.0	1314.4	1260.4	1193.8	1098.1	1023.3	948.4	869.4	802.8	736.3
-32.5°	1069.0	1077.3	1056.5	1035.7	1002.5	965.0	919.3	865.2	802.8	740.4	678.0
-35°	919.3	923.4	923.4	919.3	911.0	881.8	848.6	798.6	740.4	682.2	628.1
-37.5°	844.4	848.6	848.6	844.4	831.9	807.0	773.7	732.1	678.0	623.9	582.3
-40°	765.4	769.5	765.4	757.1	744.6	719.6	694.7	661.4	619.8	574.0	536.6
-42.5°	690.5	686.3	682.2	673.9	661.4	644.7	623.9	599.0	569.9	536.6	507.5
-45°	619.8	619.8	615.6	611.5	603.1	590.7	578.2	557.4	536.6	511.6	486.7
-47.5°	582.3	582.3	578.2	574.0	569.9	561.5	549.1	532.4	515.8	495.0	474.2
-50°	557.4	557.4	557.4	553.2	549.1	540.8	528.3	515.8	499.2	478.4	457.6
-52.5°	540.8	540.8	540.8	536.6	532.4	528.3	515.8	499.2	478.4	461.7	445.1
-55°	532.4	528.3	528.3	524.1	520.0	515.8	499.2	482.5	465.9	449.2	432.6
-57.5°	520.0	515.8	515.8	511.6	507.5	503.3	486.7	470.0	453.4	432.6	420.1
-60°	507.5	503.3	503.3	495.0	490.8	486.7	470.0	453.4	436.8	420.1	403.5
-62.5°	490.8	486.7	482.5	478.4	470.0	461.7	449.2	432.6	411.8	395.2	378.5
-65°	453.4	449.2	445.1	440.9	436.8	432.6	420.1	399.3	382.7	366.0	349.4
-67.5°	407.6	407.6	407.6	399.3	395.2	386.8	378.5	361.9	345.2	328.6	316.1
-70°	353.6	353.6	353.6	345.2	341.1	336.9	324.5	312.0	299.5	287.0	270.4
-72.5°	299.5	295.3	295.3	291.2	282.9	278.7	270.4	262.1	249.6	241.3	228.8
-75°	245.4	241.3	241.3	237.1	232.9	228.8	220.5	216.3	208.0	199.7	187.2
-77.5°	195.5	195.5	195.5	191.3	187.2	183.0	178.9	174.7	170.5	162.2	153.9
-80°	149.7	149.7	149.7	149.7	149.7	149.7	149.7	145.6	137.3	133.1	128.9
-82.5°	108.2	112.3	112.3	112.3	112.3	112.3	112.3	112.3	108.2	104.0	99.8
-85°	70.7	74.9	74.9	79.0	83.2	83.2	87.4	83.2	79.0	70.7	66.6
-87.5°	37.4	37.4	37.4	37.4	37.4	37.4	37.4	33.3	33.3	33.3	29.1
-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°	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	8.3	8.3	8.3
85°	8.3	8.3	8.3	8.3	12.5	12.5	12.5	16.6	16.6	16.6	16.6
82.5°	8.3	12.5	12.5	12.5	16.6	16.6	20.8	25.0	33.3	37.4	37.4
80°	8.3	12.5	12.5	12.5	16.6	16.6	20.8	20.8	25.0	29.1	37.4
77.5°	8.3	8.3	12.5	12.5	12.5	16.6	16.6	20.8	20.8	25.0	29.1
75°	4.2	8.3	8.3	8.3	12.5	12.5	16.6	16.6	20.8	20.8	25.0
72.5°	4.2	8.3	8.3	8.3	12.5	12.5	16.6	16.6	16.6	20.8	20.8
70°	4.2	8.3	8.3	8.3	8.3	12.5	12.5	12.5	16.6	16.6	16.6
67.5°	4.2	4.2	4.2	8.3	8.3	8.3	8.3	12.5	12.5	12.5	16.6
65°	4.2	4.2	4.2	4.2	8.3	8.3	8.3	8.3	12.5	12.5	12.5
62.5°	4.2	4.2	4.2	8.3	8.3	8.3	8.3	8.3	12.5	12.5	12.5
60°	16.6	16.6	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5
57.5°	37.4	37.4	33.3	29.1	25.0	25.0	20.8	16.6	16.6	12.5	12.5
55°	62.4	58.2	54.1	45.8	41.6	37.4	33.3	25.0	20.8	16.6	12.5
52.5°	79.0	74.9	70.7	66.6	58.2	49.9	45.8	41.6	33.3	25.0	20.8
50°	116.5	104.0	95.7	87.4	79.0	70.7	62.4	58.2	45.8	37.4	29.1
47.5°	141.4	133.1	120.6	112.3	104.0	91.5	79.0	70.7	62.4	49.9	37.4
45°	162.2	153.9	141.4	133.1	124.8	112.3	99.8	87.4	79.0	66.6	49.9
42.5°	183.0	174.7	162.2	153.9	141.4	128.9	116.5	104.0	91.5	83.2	66.6
40°	212.1	199.7	183.0	174.7	166.4	149.7	133.1	120.6	108.2	95.7	79.0
37.5°	249.6	237.1	216.3	199.7	187.2	174.7	158.1	141.4	128.9	112.3	95.7
35°	307.8	287.0	257.9	232.9	216.3	199.7	178.9	162.2	145.6	128.9	112.3
32.5°	366.0	332.8	295.3	266.2	241.3	220.5	199.7	183.0	162.2	141.4	124.8
30°	411.8	374.4	336.9	295.3	266.2	241.3	220.5	199.7	178.9	158.1	137.3
27.5°	457.6	416.0	374.4	332.8	291.2	257.9	237.1	216.3	195.5	174.7	149.7
25°	503.3	457.6	416.0	370.2	320.3	282.9	253.7	237.1	216.3	191.3	162.2
22.5°	544.9	503.3	461.7	411.8	353.6	303.7	274.5	253.7	232.9	203.8	178.9
20°	623.9	569.9	520.0	457.6	391.0	341.1	303.7	274.5	249.6	220.5	191.3
17.5°	727.9	648.9	582.3	511.6	445.1	382.7	328.6	295.3	270.4	237.1	203.8
15°	861.0	723.8	640.6	569.9	490.8	420.1	361.9	316.1	282.9	249.6	220.5
12.5°	960.9	782.0	690.5	623.9	540.8	461.7	386.8	332.8	295.3	262.1	228.8
10°	1073.2	844.4	732.1	657.2	569.9	482.5	403.5	345.2	303.7	274.5	241.3
7.5°	1164.7	894.3	752.9	669.7	586.5	499.2	420.1	357.7	316.1	282.9	249.6
5°	1247.9	935.9	769.5	673.9	594.8	511.6	428.4	366.0	324.5	291.2	257.9
2.5°	1306.1	973.4	786.2	682.2	603.1	520.0	440.9	374.4	332.8	299.5	266.2
0°	1356.0	985.8	782.0	682.2	607.3	520.0	445.1	378.5	336.9	303.7	270.4
-2.5°	1372.7	1006.6	802.8	690.5	615.6	528.3	453.4	382.7	341.1	307.8	278.7
-5°	1372.7	990.0	802.8	698.8	619.8	532.4	453.4	386.8	345.2	312.0	278.7
-7.5°	1322.8	965.0	798.6	707.1	623.9	536.6	453.4	391.0	349.4	316.1	282.9
-10°	1235.4	927.6	794.5	711.3	623.9	532.4	453.4	391.0	349.4	316.1	287.0
-12.5°	1094.0	877.7	773.7	703.0	615.6	524.1	449.2	391.0	349.4	320.3	287.0
-15°	1023.3	836.1	748.7	678.0	594.8	511.6	440.9	386.8	349.4	320.3	291.2
-17.5°	927.6	802.8	723.8	653.1	578.2	499.2	432.6	386.8	349.4	316.1	291.2
-20°	861.0	765.4	694.7	632.3	557.4	486.7	428.4	382.7	349.4	316.1	291.2



REPORT NUMBER: P724262  
 CATALOG NUMBER: IFLD-L-SA7A-830-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°	802.8	723.8	661.4	599.0	532.4	470.0	420.1	378.5	345.2	316.1	291.2
-25°	757.1	686.3	628.1	569.9	511.6	457.6	411.8	374.4	341.1	316.1	287.0
-27.5°	715.5	648.9	594.8	540.8	486.7	445.1	403.5	370.2	341.1	312.0	282.9
-30°	669.7	615.6	561.5	511.6	474.2	432.6	395.2	361.9	336.9	307.8	278.7
-32.5°	623.9	574.0	528.3	490.8	457.6	424.3	391.0	357.7	328.6	299.5	270.4
-35°	582.3	536.6	503.3	470.0	445.1	416.0	382.7	349.4	324.5	295.3	270.4
-37.5°	540.8	507.5	478.4	453.4	428.4	403.5	370.2	341.1	316.1	287.0	257.9
-40°	507.5	482.5	461.7	440.9	416.0	386.8	361.9	332.8	307.8	278.7	245.4
-42.5°	486.7	465.9	445.1	424.3	403.5	378.5	353.6	324.5	299.5	270.4	237.1
-45°	465.9	449.2	432.6	416.0	395.2	370.2	341.1	312.0	287.0	257.9	232.9
-47.5°	453.4	436.8	420.1	407.6	391.0	357.7	332.8	303.7	274.5	249.6	220.5
-50°	440.9	424.3	411.8	395.2	374.4	345.2	320.3	291.2	266.2	237.1	212.1
-52.5°	428.4	411.8	395.2	378.5	357.7	332.8	307.8	282.9	253.7	224.6	199.7
-55°	416.0	399.3	382.7	366.0	345.2	324.5	299.5	266.2	237.1	208.0	183.0
-57.5°	403.5	391.0	370.2	349.4	328.6	307.8	278.7	249.6	220.5	191.3	170.5
-60°	386.8	370.2	353.6	328.6	307.8	282.9	257.9	232.9	203.8	178.9	158.1
-62.5°	361.9	345.2	328.6	303.7	282.9	262.1	241.3	212.1	191.3	166.4	145.6
-65°	332.8	316.1	299.5	278.7	257.9	237.1	220.5	195.5	174.7	153.9	137.3
-67.5°	299.5	282.9	270.4	249.6	232.9	212.1	195.5	174.7	153.9	137.3	120.6
-70°	257.9	245.4	232.9	216.3	199.7	183.0	166.4	149.7	133.1	120.6	104.0
-72.5°	220.5	208.0	195.5	183.0	170.5	153.9	141.4	128.9	116.5	104.0	95.7
-75°	178.9	170.5	162.2	153.9	141.4	128.9	120.6	108.2	99.8	91.5	87.4
-77.5°	149.7	141.4	133.1	124.8	116.5	108.2	99.8	91.5	87.4	83.2	79.0
-80°	120.6	116.5	112.3	104.0	99.8	91.5	87.4	79.0	79.0	79.0	79.0
-82.5°	95.7	91.5	87.4	83.2	79.0	74.9	74.9	70.7	74.9	74.9	70.7
-85°	66.6	62.4	58.2	58.2	54.1	54.1	49.9	49.9	49.9	45.8	45.8
-87.5°	29.1	29.1	29.1	29.1	25.0	25.0	25.0	25.0	25.0	20.8	20.8
-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: P724262  
 CATALOG NUMBER: IFLD-L-SA7A-830-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°	8.3	8.3	4.2	4.2	4.2	4.2	4.2	4.2	4.2	0.0	0.0
85°	16.6	16.6	12.5	12.5	12.5	8.3	8.3	4.2	4.2	4.2	4.2
82.5°	37.4	33.3	29.1	25.0	20.8	16.6	12.5	8.3	8.3	4.2	4.2
80°	45.8	45.8	45.8	41.6	33.3	25.0	16.6	12.5	8.3	4.2	4.2
77.5°	33.3	33.3	37.4	41.6	41.6	33.3	20.8	12.5	8.3	8.3	4.2
75°	25.0	25.0	25.0	29.1	33.3	33.3	25.0	16.6	8.3	8.3	4.2
72.5°	25.0	25.0	25.0	25.0	25.0	25.0	25.0	16.6	12.5	8.3	8.3
70°	20.8	20.8	20.8	20.8	20.8	20.8	20.8	16.6	12.5	8.3	8.3
67.5°	16.6	16.6	20.8	20.8	20.8	16.6	16.6	16.6	12.5	8.3	8.3
65°	12.5	16.6	16.6	20.8	16.6	16.6	16.6	12.5	12.5	8.3	8.3
62.5°	12.5	12.5	16.6	16.6	16.6	16.6	12.5	12.5	12.5	8.3	8.3
60°	12.5	12.5	12.5	16.6	12.5	12.5	12.5	12.5	12.5	8.3	8.3
57.5°	12.5	12.5	12.5	12.5	12.5	12.5	12.5	8.3	8.3	8.3	8.3
55°	12.5	12.5	12.5	12.5	12.5	12.5	8.3	8.3	8.3	8.3	8.3
52.5°	16.6	12.5	12.5	12.5	12.5	12.5	8.3	8.3	8.3	8.3	8.3
50°	20.8	12.5	12.5	12.5	12.5	8.3	8.3	8.3	8.3	8.3	8.3
47.5°	29.1	20.8	16.6	12.5	12.5	8.3	8.3	8.3	8.3	8.3	4.2
45°	41.6	29.1	20.8	16.6	12.5	8.3	8.3	8.3	8.3	8.3	4.2
42.5°	49.9	37.4	25.0	20.8	16.6	12.5	8.3	8.3	8.3	4.2	4.2
40°	62.4	49.9	33.3	25.0	16.6	12.5	8.3	8.3	8.3	4.2	4.2
37.5°	79.0	62.4	41.6	29.1	20.8	12.5	12.5	8.3	8.3	4.2	4.2
35°	91.5	70.7	54.1	33.3	25.0	16.6	12.5	8.3	8.3	4.2	4.2
32.5°	104.0	83.2	66.6	41.6	29.1	20.8	16.6	8.3	8.3	4.2	4.2
30°	116.5	95.7	74.9	54.1	37.4	25.0	16.6	8.3	8.3	4.2	4.2
27.5°	128.9	104.0	83.2	62.4	41.6	29.1	20.8	12.5	8.3	4.2	4.2
25°	141.4	116.5	91.5	70.7	45.8	33.3	20.8	12.5	8.3	8.3	4.2
22.5°	149.7	128.9	104.0	79.0	54.1	37.4	25.0	16.6	8.3	8.3	4.2
20°	162.2	141.4	112.3	87.4	62.4	41.6	25.0	16.6	8.3	8.3	4.2
17.5°	174.7	149.7	120.6	95.7	70.7	45.8	29.1	20.8	8.3	8.3	4.2
15°	187.2	158.1	128.9	99.8	74.9	49.9	29.1	20.8	8.3	8.3	4.2
12.5°	199.7	170.5	137.3	108.2	79.0	54.1	33.3	25.0	12.5	8.3	4.2
10°	208.0	178.9	145.6	112.3	83.2	62.4	37.4	25.0	12.5	8.3	4.2
7.5°	220.5	187.2	153.9	120.6	87.4	66.6	41.6	25.0	12.5	8.3	4.2
5°	224.6	195.5	158.1	128.9	91.5	70.7	45.8	29.1	12.5	8.3	4.2
2.5°	228.8	203.8	162.2	133.1	95.7	70.7	45.8	29.1	16.6	8.3	4.2
0°	232.9	208.0	166.4	137.3	99.8	74.9	49.9	29.1	16.6	8.3	4.2
-2.5°	237.1	212.1	174.7	141.4	104.0	79.0	54.1	29.1	16.6	8.3	4.2
-5°	241.3	212.1	183.0	145.6	108.2	79.0	54.1	33.3	20.8	8.3	4.2
-7.5°	245.4	216.3	187.2	149.7	112.3	79.0	58.2	33.3	20.8	12.5	4.2
-10°	249.6	220.5	191.3	153.9	112.3	83.2	58.2	33.3	20.8	12.5	4.2
-12.5°	253.7	224.6	191.3	153.9	116.5	83.2	58.2	37.4	20.8	12.5	4.2
-15°	257.9	224.6	191.3	153.9	116.5	87.4	62.4	37.4	20.8	12.5	8.3
-17.5°	257.9	224.6	191.3	158.1	116.5	87.4	62.4	37.4	20.8	12.5	8.3
-20°	257.9	224.6	191.3	158.1	116.5	87.4	62.4	37.4	20.8	12.5	8.3



REPORT NUMBER: P724262

CATALOG NUMBER: IFLD-L-SA7A-830-U-22-VI

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	253.7	220.5	191.3	153.9	116.5	87.4	62.4	37.4	25.0	12.5	8.3
-25°	253.7	220.5	191.3	153.9	116.5	87.4	58.2	37.4	25.0	12.5	8.3
-27.5°	249.6	220.5	187.2	149.7	112.3	83.2	58.2	37.4	25.0	12.5	8.3
-30°	245.4	216.3	183.0	145.6	112.3	83.2	58.2	37.4	25.0	12.5	8.3
-32.5°	241.3	208.0	178.9	141.4	108.2	79.0	58.2	37.4	25.0	12.5	8.3
-35°	232.9	203.8	170.5	137.3	104.0	79.0	54.1	37.4	25.0	16.6	8.3
-37.5°	224.6	195.5	166.4	133.1	99.8	74.9	54.1	37.4	25.0	16.6	8.3
-40°	216.3	191.3	158.1	124.8	95.7	70.7	54.1	37.4	25.0	16.6	12.5
-42.5°	208.0	183.0	153.9	120.6	95.7	70.7	49.9	37.4	25.0	16.6	12.5
-45°	203.8	178.9	145.6	116.5	91.5	70.7	49.9	33.3	25.0	16.6	12.5
-47.5°	195.5	166.4	137.3	112.3	87.4	66.6	45.8	33.3	25.0	16.6	12.5
-50°	183.0	158.1	133.1	108.2	83.2	62.4	45.8	33.3	25.0	16.6	12.5
-52.5°	170.5	145.6	124.8	99.8	79.0	62.4	45.8	33.3	25.0	16.6	12.5
-55°	158.1	137.3	116.5	95.7	74.9	58.2	41.6	33.3	25.0	16.6	12.5
-57.5°	149.7	128.9	108.2	87.4	70.7	54.1	41.6	29.1	20.8	16.6	12.5
-60°	141.4	120.6	99.8	83.2	66.6	54.1	41.6	29.1	20.8	16.6	8.3
-62.5°	128.9	112.3	91.5	79.0	62.4	49.9	37.4	29.1	20.8	16.6	8.3
-65°	116.5	99.8	83.2	70.7	58.2	45.8	37.4	29.1	20.8	16.6	8.3
-67.5°	104.0	91.5	79.0	66.6	54.1	45.8	37.4	29.1	20.8	12.5	8.3
-70°	95.7	83.2	70.7	62.4	54.1	41.6	37.4	29.1	20.8	12.5	8.3
-72.5°	83.2	74.9	66.6	58.2	49.9	45.8	37.4	29.1	16.6	12.5	8.3
-75°	79.0	70.7	62.4	58.2	54.1	45.8	37.4	25.0	16.6	12.5	8.3
-77.5°	79.0	70.7	66.6	62.4	54.1	45.8	33.3	20.8	12.5	12.5	8.3
-80°	79.0	74.9	70.7	58.2	49.9	37.4	25.0	20.8	12.5	8.3	4.2
-82.5°	70.7	58.2	49.9	41.6	37.4	29.1	20.8	16.6	8.3	8.3	4.2
-85°	45.8	37.4	33.3	29.1	25.0	20.8	12.5	8.3	8.3	4.2	4.2
-87.5°	20.8	20.8	16.6	12.5	12.5	8.3	8.3	4.2	4.2	4.2	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: P724262  
 CATALOG NUMBER: IFLD-L-SA7A-830-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°	4.2	0.0	0.0	0.0
77.5°	4.2	0.0	0.0	0.0
75°	4.2	4.2	0.0	0.0
72.5°	4.2	4.2	0.0	0.0
70°	4.2	4.2	0.0	0.0
67.5°	4.2	4.2	0.0	0.0
65°	4.2	4.2	0.0	0.0
62.5°	4.2	4.2	0.0	0.0
60°	4.2	4.2	0.0	0.0
57.5°	4.2	4.2	4.2	0.0
55°	4.2	4.2	4.2	0.0
52.5°	4.2	4.2	4.2	0.0
50°	4.2	4.2	4.2	0.0
47.5°	4.2	4.2	4.2	0.0
45°	4.2	4.2	4.2	0.0
42.5°	4.2	4.2	4.2	0.0
40°	4.2	4.2	4.2	0.0
37.5°	4.2	4.2	4.2	0.0
35°	4.2	4.2	4.2	0.0
32.5°	4.2	4.2	4.2	0.0
30°	4.2	4.2	4.2	0.0
27.5°	4.2	4.2	4.2	0.0
25°	4.2	4.2	4.2	0.0
22.5°	4.2	4.2	4.2	0.0
20°	4.2	4.2	4.2	0.0
17.5°	4.2	4.2	4.2	0.0
15°	4.2	4.2	4.2	0.0
12.5°	4.2	4.2	4.2	0.0
10°	4.2	4.2	4.2	0.0
7.5°	4.2	4.2	4.2	0.0
5°	4.2	4.2	4.2	0.0
2.5°	4.2	4.2	4.2	0.0
0°	4.2	4.2	4.2	0.0
-2.5°	4.2	4.2	4.2	0.0
-5°	4.2	4.2	4.2	0.0
-7.5°	4.2	4.2	4.2	0.0
-10°	4.2	4.2	4.2	0.0
-12.5°	4.2	4.2	4.2	0.0
-15°	4.2	4.2	4.2	0.0
-17.5°	4.2	4.2	4.2	0.0
-20°	4.2	4.2	4.2	0.0



REPORT NUMBER: P724262  
 CATALOG NUMBER: IFLD-L-SA7A-830-U-22-VI

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
-22.5°	4.2	4.2	4.2	0.0
-25°	4.2	4.2	4.2	0.0
-27.5°	4.2	4.2	4.2	0.0
-30°	4.2	4.2	4.2	0.0
-32.5°	4.2	4.2	4.2	0.0
-35°	4.2	4.2	4.2	0.0
-37.5°	4.2	4.2	4.2	0.0
-40°	4.2	4.2	4.2	0.0
-42.5°	4.2	4.2	4.2	0.0
-45°	4.2	4.2	4.2	0.0
-47.5°	4.2	4.2	4.2	0.0
-50°	4.2	4.2	4.2	0.0
-52.5°	4.2	4.2	4.2	0.0
-55°	4.2	4.2	4.2	0.0
-57.5°	4.2	4.2	4.2	0.0
-60°	4.2	4.2	0.0	0.0
-62.5°	4.2	4.2	0.0	0.0
-65°	4.2	4.2	0.0	0.0
-67.5°	4.2	4.2	0.0	0.0
-70°	4.2	4.2	0.0	0.0
-72.5°	4.2	4.2	0.0	0.0
-75°	4.2	4.2	0.0	0.0
-77.5°	4.2	0.0	0.0	0.0
-80°	4.2	0.0	0.0	0.0
-82.5°	4.2	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)